VOL. LVII. - NO. 29.

BOSTON, MASS., SATURDAY, APRIL 16, 1898.

WHOLE NO. 2938



LINUS DARLING.

PROPRIETOR. ISSUED WEEKLY AT

13

S

JOHN HANCOCK BUILDING

NEW YORK OFFICE, TERMS:

tor unt all arrearages are paid.

sons sending contributions to THE
meman for use in its columns must sign
if an including a publication, bu from particular tarmers, giving

THE PLOUGHMAN offers great advantages to ad-rectisers. Its circulation is large and among the most active and intelligent portion of the com

Rates of Advertising: 1-2 cents per line for first insertion. 1-4 cents for each subsequent insertion.

AGRICULTURAL.

Balanced Rations for Plants.

what and how to feed them; but there erable quantities of nitrogen.

and treatment of plant life. All observing persons have noticed best that is possible. able to them, and the other trees men- of different kinds of vegetation. tioned n.ay grow well on a different Nitrogen induces a leafy, succulent horn can be felt as a slight elevation or

is almost useless to try to get strong farm. This should not be done. lye from ashes made from pine and It may not be generally known that openings frequently seen on removing

There are also differences in the abil- needed nitrogen.

eat and could not digest. Once the crude inorganic fertility of the soil is changed into organic form by these sturdy plants, the latter can be plowed under or fed to stock and the manure returned to the soil and thus easily appropriated by crops of a higher order. It is like iron that has been extracted from the original ore, which can then 178 DEVONSHIRE STREET, BOSTON, MASS. be easily melted over and over again into different and more useful forms. 150 NASSAU STREET, NEW YORK CITY. Therefore we should understand 38 nearly as is possible just what crops er annum, in advance. \$2.50 if not advance. Postage free. Single copies find them, and what to add in the way of plant food to make the crops grow to the best advantage.

Perhaps all farmers do not know which are the elements that constitute plant foods. Scientists say that of the seventy-three elements of nature, as tas of their experience, is solicited, hould be signed with the writer's real full, which will be printed or not, as during the period of their growth. many as thirteen are necessary to plants Lime, iron, silicon and sodium are among the number, and nearly all soils have these in sufficient quantities and in suitable forms to supply the wants of ordinary vegetation, both wild and cultivated. But the three most important of all, nitrogen, phosphorus and potassium are not so abundant, or at least, not so easily available. If we do our duty in the line of thoroughly and sturdy. frequently stirring the soil, and grow-There has been so much written in ing the pioneer plants already menthe rural papers about balanced rations tioned and the clovers, we will thereby for farin animals, that we ought to be set free much of these elements found beginning to know considerable about in the soil, and get from the air consid-

is less known about balanced rations It is safe to sav that there will often for plants. It is as much to the advan- be found soils that may be greatly bentage of the farmer to know what are the efited by applications of manures of varequirements of his crops, and how to rious kinds. The thing for the farmer. his animals. Perhaps we can learn grower to know is how to balance up something from nature's requirements the different plant foods in the soil, so that their various crops will each do the

how different plants and trees are suited Although it is true that crops of how different plants and trees are suited to different soils and conditions, and every kind need al! three of what are how individuals of the same species are known as the essential manures, nitrohow individuals of the same species are known as the essential manures, nitrosize, vigor and fruitful- gen, phosphoric acid and potash, it ness in different soils. It is commonly should at the same time be kept con-In soil that will scarcely grow an oak, maple and many other kinds of trees, maple an although the same climate may be suit-

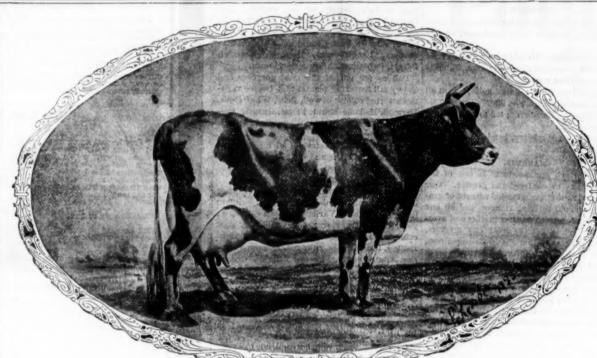
soil a short distance from the pine growth. This is just what the farmer button. soil a shirt distance from the pine growth. This is just what the farmer lands. In some parts of the country, needs to make his grasses and other forafter the pine is cut off, there comes up age crops grow luxuriantly. The vegafter the pine is cut off, there comes up age crops grow luxuriantly. The veglower animals and nails in human growth of oak and other deciduous etable gardener needs the same; but the ball of roots and soil being a zone in the skin being a zone we have hardly a plant of fruit in its original beings. There is a zone in the skin beetles to deposit their eggs upon new wrapped in paper. In this way, the state, our vegetables and fruits, and our grains keeping the surface soil always on top and ed growth, except the softer woods like against the use of too much of it. aspen and cottonwood, which grow Where large crops of clover or cow matrix, from which new horn-cells are days before the eggs have time to hatch. shape until ready for use. For local ture on inferior stock. Fruits as delicious as quite well. In some parts pine sucquite well. In some parts pine suc-peas, or plenty of rich stable manure eeds pine naturally. The question of the stable manure being pushed on. If we destroy the permitting a portion of the shorts to narketed in pots and the pots returned poisonous originals. Of a mere thorn, man has ceeds pine naturally. The question of are plowed under frequently, it will periosteum from which the bony part of grow and serve as lures for the beetles. after the lettuce is used. The pot made—as if by enchantment—the beautiful and class of trees flourish where the other nous manures, such as nitrate of soda, the horn is formed and the matrix from Here they may be killed with insect method gives a somewhat less yield in fragrant rose; before he thus labored the olive If we should burn the woods of the any kind of crop. In such a case phostwo kinds separately and have the ashes phoric acid in the shape of dissolved horn. In removing horns which are down and burned, and other shoots be analyzed, we would at once see that the bone or phosphate rock, and pota in already more or less developed, as in allowed to grow up as decoys. analyzed, we would at once see that the pine and other soft wood ashes contained very much less of phosphoric tained very much less of phosphoric taining grain. The celery, for instance, once a taining grain. tained very much less of phosphoric plied to the clover or other nitrogenacid and potash than the hard wood and potash than the hard wood gathering crops, will make them flourtaining grain. The celery, for instance, once a standard potash than the hard wood gathering crops, will make them flourtough, bitter and dangerous plant, repulsive in tough, bitter and dangerous plant, repulsive in these thoroughly with the soil, rake and pulacid and potash than the hard wood gathering crops, will make them nourashes. Every one who has leached ish wonderfully, and, in the end, be
continue to grow. It may not be out while the dew is on. It quickly deness of the soil in which it grows. Its its appearance, and shunned by man and beast as revery one who has reached ashes for soap making knows this from experience; at least, they know that it

starve to death. The difference is in something that is largely water, like t c potash. Ca s ic potash, so called, is minute churn, or in minute churn, or in minute churn. the food requirements. A cow will potatoes, frui s and vegetables, and buy a pure form of the same substance which It farmers were properly educated on sub-ist on grass, but a lion must have phosphoric acid and potash in their constitutes the potash sold in cans for the subject of churning, there would be

There need be little fear of injuring propriate the latent fertility in the soil.

Some soils may have an abundance of some one soils may have an abundance of some soils may some soils may have an abundance of acid and potash to the soil, provided its value as a preventive of the growth cultural papers should know it if they poor management. Some soils may have an abundance of plant food in them, but very often near-ly all of it is so locked up in combination with other minerals that very few plants can get it. However, there are plants can get it. However, there are tion with other minerals that very few plants can get it. However, there are plants can get it. However, there are plants can get it. However, there are tissue and the underlying periosteum principal claims made are that butter of the elements will lose nearly one-half of the eleme terials, and sub-ist upon them very thing that should be studied on the much more easily than others. Rye, farm much more than is done. The DIRECTIONS FOR USING CAUSTIC POTASH. turnips, buckwhest and cow peas are cereals are especially benefited by The hair should be cut away from the structed with internal devices, such as mixed horse and cow manure in a com.

an acquaintance with botany (the most beautiful of all the sciences) would give him a better ruination of so many fine lawns. Don't cover of this character. They are like the phosphoric acid, because they need it young horn as thoroughly as possible so paddles, shafts and floats, all of which pact mass, and so placed that all warer understanding of the adaptation of the various it in the fall with coarse, odoriferous stable goat and the donkey among animals, to make the grain plentiful and plump. that the pota-h may come in intimate have a tendency to break the grain of falling upon it quickly runs through and species of fruits, flowers, plants and vegetables. dressing full of weed seeds to grow and injure which can get a living upon brush and It should be liberally mixed into every contact with the parts to be treated. the butter, while the churn of today off, is subjected to a considerable. weeds that a cow or a horse would not grain manure. Nitrogen will make the The oily secretion should be removed that is endorsed by those who have a though not so great a loss."



JERSEY COW, IDA MARIGOLD.

PROPERTY OF MR. C. A. SWEET, BUFFALO, N. Y. FIRST PRIZE, WORLD'S COLUMBIAN EXPOSITION, CHICAGO, 1893

stalks large and thrifty, and potash and from the parts to be touched with the practical knowledge of butter making H. E. VAN DEMAN.

Hornless Cattle.

by preventing the horns of calves from diameter will cover these parts. developing.

the skin; the inner part or pith consists vial, one with a rubber

grow, and in a short time the young Fighting Asparagus Beetles.

as at this point it lies very deeply. The

silicon will make them stiff and potath, by wiping carefully with a rag has no inside fixtures. moistened.

cussing methods of preventing the the whole of the button and the border, and give their reasons for position have its full share. supply them, as to know how to feed the vegetable gardener and the fruit growth of horns Dr. H. H. Lamson or matrix is included in the treatment. taken by them. On the other hand it writes: "Many of the disagreeable In young calves a few days old a sur- they find out that it is correct and from which sprang the civilization, elevation, features of dehorning may be avoided face half an inch or a little more in that the two and five minute churn, with the amelioration and improvement of our that of promiscuously mixing of herbaceous

The horns of cattle consist of two answers as well, can be obtained at let them refuse advertisements of such came the tender, spicy apple, the melting injured by that of the other, as it destroys

among prominent asparagus growers, than those set in benches. skin just as do hoofs and claws in the cut down all plants, including volunteer could be tapped out of the pots and complete in itself. Everything valuable in our feature. about the base of the horn known as the shoots, which are to be cut every few lettuce could be kept fresh and in good are improvements by change of climate and culcotton seed meal and dried blood, for which the horny part is formed we pre-

Five Minute Churns.

soft-wooded, quick-growing kinds of trees, and e-pecially the pine, require very little of these manurial elements in their growth. Where one will flour-in their growth. Think trees, and e-pecially the pine, require the seed to be a need for calling attention to humber of the growing points of the farmer. In the great agricultural improvement should be the watchword of the farmer. In the great agricultural improvement should be the watchword of the farmer. In the great agricultural improvement should be the watchword of the farmer. In the great agricultural improvement should be the watchword of the farmer. In the great agricultural improvement should be the watchword of the farmer. In the great agricultural improvement should be the watchword of the farmer. In the great agricultural improvement should be the watchword of the farmer. In the great agricultural improvement should be the watchword of the farmer. In the great agricultural improvement should be the watchword of the farmer. In the great agricultural improvement should be the watchword of the farmer. In the great agricultural improvement should be the watchword of the farmer. In the great agricultural improvement should be the watchword of the farmer. In the great agricultural improvement should be the watchword of the farmer. In the great agricultural improvement should be the watchword of the farmer. In the great agricultural improvement should be the watchword of the farmer. In the great agricultural improvement should be the watchword of the farmer. In the great agricultural improvement should be the watchword of the farmer. In the great agricultural improvement should be the watchword of the farmer. In the great agricultural improvement should be the watchword of the farmer. In should be the watchword of the fa in their growth. Where one will flourish the others will nearly or entirely comparative loss. Rather, instead, sell
in sowing, take one-half of the seed to be minute churn, or in some extent, the early improvement of implements, than the farmer

F. W. Moseley.

Lettuce in Pots.

Cow Peas.

southern states. North of the Oaio River it is considered chiefly valuable River it is considered chiefly valuable table juice eminently adapted to our wants as as an addition to the list of drouth-re- winter food. other similar woods. The fact is, these a ton of clover hay is worth from \$8 to varieties being used.

Fertility Wasted.

THE PLOUGHMAN Farmers' Meeting

Was held in Wesleyan Hall, 36 Bromfield Street, Boston, Mass.. April 9, 1898, at 10 o'clock A. M. etable Culture.

The last MASSACHUSETTS PLOUGHwith an e-say by Abel F. Stevens of unison with nature.

ADDRESS.

and is to-day the most attractive. A taste for this production of delicious fruits and fragrant delightful vocation is almost universal in our flowers is only the promise of a healthier race, country. That garden in which Adam and of happier homes and a higher and nobler civ-Eve were placed was the primitive Paradise, ilization. or sponge moistened with soa, suds, or The writer prefers not to be too often and to this day, a tastefully arranged judiciously In the past too little attention has been given water containing a little ammonia. referring to one subject in his letters planted garden with fragrant flowers and to the proper arrangements of trees, shrubs and Parts not to be touched should not be for publication, but, as before stated, delicious fruit has still lingering about it, many flowers in the decoration of our homes. Every this humbug churn matter is one that

of the charms we are wont to attribute to the original Eden, and to every true lover of for his home, and be imbued with a spirit of During recent years the practice of The stick of potash is rolled up in a regularly comes to the front and as regdehorning cattle has gained in favor piece of paper so as to leave one end ex- ularly it must be met. Now let editors beauty and its autumnal fruitage to be indeed tion of one's own-to make every improvement among farmers. A recent bulletin from posed. The exposed end is dipped in and publishers of agricultural papers almost a "Paradise Regained." The progress possible for the embellishment of his home. the New Hampshire College Agricultu- water to moisten it and then rubbed on investigate this matter, and then if they of invention, the developments of science, and ral Experiment Station treats of the button or embryo horn until the skin are satisfied that the position taken in departments of industry, but in all, the horti- to the character and habits of trees and plants, practice in its various phases. In dis- begins to start, care being taken that this letter is not correct, let them say so culture of our own dear New England is to the requisites of planting or arranging them for

> with their internal arrangements, are fruits, for from the wild sour crab, the puckery plants with shrubs and trees, by which neither Caustic potash, or caustic soda which not the kind farmers should use, then pear, the bitter almond and the austere plum, can thrive properly, and the effect of the one is juicy pear, the luscious peach and delicious unity of beauty in landscape art. pium, and from the wild, rank, foxy grape, In every small garden, or more commodious came the splendid varieties which now adorn grounds, always have some leading feature

> pots when about two inches high, and the high rank it should, until men everywhere with the surrounding grounds. Let no harsh the pots were embedded in soil. The learned professions, and as that vocation upon A practice that is in high favor plants so treated grew rather better the success of which depends the whole fabric beds or walks—ever remembering the softness

> > was hard and woody and the apple tree was full of thorns; man labored-and the thorns fell; the rose doubled and trebled its flowers, the peach and pear filled with perfumed juice, the

has in the management of soils and crops. from north to south; with the other half sow it While we are behind England in production, from east to west, then rake in deep and well we have surpassed her in the mechanical appli. and finish with a heavy hand roller going over sub-ist on grass, but a lion must have phosphoric acid and potash in their soap-making and cleansing purposes. It is in the form of white sticks, in flesh. Each plant, whether large or concentrated forms, and return tertinty strinkle at sundown. Let the young grass get in less time than from twenty to forty safe estimate of the value of manure science, there is no profession demanding so 3 to 4 inches high before cutting it the first to the soil along with that in the diameter about the size of an ordinary clover or peas which will furnish the diameter about the size of an ordinary minutes. For twenty-five years propoduced during the seven winter wide a range of scientific knowledge as his. lead pencil. As its name indicates it is gressive and up-to-date dairymen have a powerful caustic, rapidly destroying the control of the crops with colightened wisdom without the lawns are ruined by over watering than for There are also differences in the ability of certain plants to dissolve and apity of certain plants to dissolve and apity of certain plants to dissolve and apity of certain plants to dissolve and the skin and other tissues if kept in con
ity of certain plants to dissolve and apity of certain plants to dissolve and apity of certain plants to dissolve and the skin and other tissues if kept in con
ity of certain plants to dissolve and the skin and other tissues if kept in con
ity of certain plants to dissolve and the skin and other tissues if kept in con
ity of certain plants to dissolve and the skin and other tissues if kept in con
ity of certain plants to dissolve and the skin and other tissues if kept in con
ity of certain plants to dissolve and the skin and other tissues if kept in con
ity of certain plants to dissolve and the skin and other tissues if kept in con
ity of certain plants to dissolve and the skin and other tissues if kept in con
ity of certain plants to dissolve and the skin and other tissues if kept in con
ity of certain plants to dissolve and the skin and other tissues if kept in con
ity of certain plants to dissolve and the skin and other tissues if kept in con
ity of certain plants to dissolve and the skin and other tissues if kept in con
ity of certain plants to dissolve and the skin and other tissues if kept in con
ity of certain plants to dissolve and the skin and other tissues if kept in con
ity of certain plants to dissolve and the skin and other tissues if kept in con
ity of certain plants to dissolve and the skin and other tissues if kept in con
ity of certain plants to dissolve and the skin and other tissues if kept in con
ity of certain plants to dissolve and the skin and other tissues if kept in con
ity of certain plants to dissolve and the skin and the sk

> an acquaintance with botany (the most beauti- coarse, sallow, wiry water grass that is the He should know the nutritious rasses from the the roots of the grasses. Don't play croquet, worthless weeds, and by a knowledge of horti-

fruits by hybridizing, and thus produce new and choice varieties. He should then surround himself with fruits more delicious and profitable than summer climes ever yielded, and flowers as beautiful as ever grew in Eden.

But the great essential is agricultural chemstry; the contributions of this science to the progress of agriculture are by no means small or unimportant. Though Sir Humphry Davy opened the doors to progress and improvement Essay by Abel F. Stevens of in this direction, it was not till Baron Liebig—the renowned German chemist—in 1850 an-Wellesley, Mass. Subject: Prac- nounced propositions that aroused a world of thought and study, and awakened the attention tical Gardening. Fruit and Veg- of intelligent farmers to the importance of applying the results of chemical investigations; and in some respects essentially modified the

practice of all civilized countries. There is chemical action everywhere about MAN Farmers' Meeting of the season the farmer—going on in his crops, soils, fertiwas held Saturday morning, April 9, lizers, etc. He must have a knowledge of these and the kindred sciences so that he may act in

Wellesley, Mass., on Practical Garden- The laws of nature should be secrets to none, ing, including Fruit and Vegetable Cul- and be that has a knowledge of any important ture. Mr. Ware, who presided, intro- discovery in horticultural process should gladly duce i the speaker as one who was fully impart it to others. The result of all experiments should be noted down and this expericapable of bringing to the audience ence given to our associates, for it is the conmuch valuable information on a subject stant interchange of facts derived from experiwhich was especially timely at this cace that we owe much of our progress in horticulture.

Let the cultivators of the soil give our art more attention, and promote this interesting Gardening was the earliest employment of man and benevolent employment. To my mind, the

flowering plants, also the creating of a flower The art of gardening is such a grand science garden proper, a water fountain, or rockery for

In all our rural walks the charm of every practical direction for making lawns, sowing and keeping it in its vernal beauty during the the growing season. Let the ground be thoroughly prepared in April or August 1, fully eighteen inches deep, of a good, rich, loamy soil, making the whole surface of uniform depth, and same quality, whether on a rising

pratensis); two bushels Red Top (agrostis vulgaris); one-half bushel Creeping Bent (agrostis other similar woods. The fact is, these a ton of clover hay is worth from \$8 to sisting soiling crops, and a crop which soft-wooded, quick-growing kinds of \$12, to plow under for manure. Think be a need for calling attention to hum-soft-wooded and then there seems to sisting soiling crops, and a crop which the frontal bone is honeycombed.

Levery now and then there seems to sisting soiling crops, and a crop which the frontal bone is honeycombed. Improvement should be the watchword of thoxanthum odoratum); one-fourth bushel

a heavy dressing of wood ashes, and in April a

FARMERS' MEETING.

(Continued from Second Page.)

tennis or games so injurious to the fine turf. A well kept lawn is the most attractive feature about our charming, rural homes.

THE VEGETABLE GARDEN.

tant addition to any home, be it the farm manner as the plants require. house, the rural home or country villa. A neat and well-kept lawn (as we have said) is certainly a beautiful attraction to a home, but the garden from which we draw our daily supplies of choice vegetables is a source of greater pleas-

ure as well as of true economy. all, for the first man was "put into the garden or "floats," for phosphoric acid; 400 pounds to dress and to keep it." An occupation so sulphate of potash and magnesia, 200 pounds ancient, so productive of pleasure and profit to muriate potash, 100 pounds Nova Scotia plaster, mankind, is worthy of the devotion of all who for potash; 2.000 pounds on good sod land; Purity, Victoria. This fruit is paying good have the care and culture of any portion of this is sufficient for two acres and should be mother earth.

The increasing taste for gardening in all its broad field to occupy—in improved methods of drills the mixed sulphate ammonia, cotculture and superior quality of production.

employment for body and mind which a few drills, apply nitrate of sods in three hours devoted daily to gardening would afford; weeks. open air work so engaging to the mind, also remunerative, must likewise induce cheerfulimmorality.

fully, requires skill, energy and knowledge of get well started, and harrow thoroughly. plants, the varieties, their habits of growth, FORMULA FOR FRUIT TREES, VINES, PLANTS, adaptation to soils, etc., a great many minor features in their culture that we can only begarden, then the vegetables.

SITUATION.

The first and one of the most important considerations in selecting a garden is the situation; the best is a level piece of land with natural drainage, with a southeastern exposure, that 300 pounds sulphate of potasa and magnesia, and crates of a uniform style, plainly marked 300 pounds sulphate of ammonia, 100 pounds with your name and place, so the consumers like sun; and for extra early crops have it protected and sheltered from north winds by hedges or ter; 2,000 pounds. Spread stable manure and ways in packing the various crops, discard all fences. Always avoid the proximity of large trees as their roots will exhaust the plant food in the soil, and their shade will injure the our garden is the right kind of

SOIL.

The best, naturally, is of a rich, mellow, plants. loamy texture and the poorest either a very OUR SPECIAL FERTILIZER FOR STRAWBER- As a rule, don't hold crops for a the name without its spacious beds of asters, light, sandy gravel or a stiff, cold clay but an admixture of these two as they reciprocally correct the defects of each other, with the addition of organic matter, will form a soil suited 1,000 pounds per acre. Mix well and sow evenly ny that makes quick shillings." Let your" Frade to the cultivation of nearly all garden vege- overplants in early spring. This is rich in potash Mark" be "honest goods at fair prices." Let a tables. But any soil with judicious manage, and phosphoric acid, and produces vigorous high sense of honor govern you in marketing. ment, manuring and drainage can be made fer- growth of the plants and heavy yield of the Have a love for your business, give it your unness in yield, while in the fruit we need large tile and productive. It is said that the once finest fruit. barren, drifting sands of the Great Salt Basin of Utah have been converted into the most luxuriant and productive gardens that there are on this continent, and today the Mormons by their thorough culture and most excellent system of irrigati n have turned this barren ney Wax, Wardwell's Wax. waste that bore only wild sage bushes into flower gardens and fruitful fields. So we say, select a good situation and then make your soil just what it must be, fertile by the application

which is the very essence of successful garden, ing, and it must be procured from every available source, but the main reliance is stable ma. Excelsior, Stowell. nures, in fact anything which, being added to the soil, promptes the growth of plants is a ma-They directly assist vegetable growth by entering into the composition of plants and en Heart. by absorbing and retaining moisture and gases from the atmosphere and indirectly assist the treal. growth by decomposing the soil and rendering the elements available by improving the texture of the soil. They are divided into two classes viz: Organic and inorganic; the former embraces vegetable and animal substances and the White Queen, Red Globe, Yellow Danvers. latter minerals.

We should have a complete and intelligent Bell, Red Giant. system of fertilizing our soils. A frequent cultivation of the soil is of itself a manure, and the best preventive of a drought is a deep and thorough stirring of the soil.

PLANT FOOD.

The live question to the practical progressive farmer, is just what do I need for plant food, and how to obtain it cheapest. We have no. ticed one thing in fertizers, viz.: That those who have used agricultural chemicals carefully never go back to the system of buying manufactured fertlizers for plant food for three reasons-First: Can buy the needed plant food much cheaper in the form of chemicals: Second: Can adjust the proportions of the various elements more economically to their and and crops; and Third: Can make sure that arch. each fertilizing ingredient is in the form best suited to their crops. The three important elements of fertility are nitrogen, phosphoric acid, and potash.

Nitrogen is one of the most important, and nitrate of sods and cotton seed meal.

Available Phosphoric Acid. This necessary for plant use. Potash can be bought cheapest in the form home pleasant. Everyone likes good fruit.

of a high-grade muriate of potash, eighty-five per cent muriate, and for most crops find it as stand at the head for profit among small fruits. Either form is cheaper for agricultural purposes than "Canada Ashes."

FERTILIZERS FOR GRASS.

to look green in spring and not before this. phosphate, 75 pounds Nova Scotia plaster, 200 an abundance of moisture in the soil, or that ladder" producing long spikes of sweet scented pounds muriate potash; mix well, apply before can be applied when needed, it will be the ideal sky-blue flowers with gol len authers very useful rain, 600 pounds per acre.

Formula:-400 pounds dissolved bone-black. 400 pounds fine ground bone, 400 pounds cotton seed mea!, 300 pounds muriate of potash. Apply evenly and harrow deeply before seeding. Cover with "weeder" and roll. 1500 pounds

Formula for Clover: -300 pounds dissolved bone black, 300 pounds muriate of potash, 300 pounds sulphate of potash and magnesia, 300 pounds Nova Scotia plaster, 1200 pounds per acre. Apply early in spring.

PERTILIZERS.

potash and magnesia, 100 pounds plaster (Nova and 91-10 solids.

"nitrate of soda" but use in its;place 400 pounds | culture. cotton seed meal. For sweet corn for market field corn.

Note - Cotton seed meal is one of the cheapest sources of nitrogen in a reliable form-as it A good vegetable garden is the most impor- furnishes nitrogen in a slow and continuous

FERTILIZERS,

Extra good formula. Potatoes .- Mix 100 pounds sulphate ammo The art of gardening is the most ancient of solved bone black, 300 pounds acid phosphate

applied as follows: ton-seed meal, bone black and floats. There is no one, be his call ng what it may, Run the weeder lengthways of rows, drop ing are these who would not be far better for the change of seed, cover with Acme harrow cross-wise

FERTILIZERS FOR VEGETABLES.

Formula for garden crops: 600 pounds dismust tend to develop that attachment of the pounds muriate of potash, 200 pounds sulphate of els from 1800 foot rows. citizen to his home which is one of the strong- potash and magnesia for potash; 300 pounds est safeguards of society against idleness and nitrate of soda, 600 pounds cotton-seed meal for summer, handsome, unique, fine. nitrogen; 300 pounds Nova Scotia plaster; 2,200 Simple as the cultivation of vegetables is pounds; mix evenly, sow broadcast, except very productive. considered by many, yet to cultivate success- nitrate of soda, which apply when plants

AND BERRIES. come acquainted with by practice, and acquire a correct knowledge by experience. First the muriate of potash, 200 pounds sulphate of eral produce, our thriving villages and all our potash and magnesia, 200 pounds Nova Scotia larger towns, furnish a better market and averplaster; 1,200 pounds.

A GRAND SUPERPHOSPHATE.

300 pounds sulphate of potash and magnesia, and crates of a uniform style, plainly marked nitrate of soda, 300 pounds Nova Scotia plas- may know your products in the market. Alapply this in drills and mix well.

Formula,-100 pounds dissolved bone-black, growing crops. Next to a good situation for 50 pounds muriate of potash, 50 pounds nitrate of soda; 200 pounds; mix thoroughly and apply and rake into soil before watering the

RIES.

VEGETABLES Bush Beans, Green Pod - Imperial Early

berts Early Lima, Scotia.

Valentine, Early Champion, Warren. Wax Pod-Thorborn's Refugee, Davis Kid-Pole Beans-Worcester Horticultural, Sie-

Beets - Eclipse, Crosby's, Edmunds, Dew- den, these beautiful ornaments of nature loved, ings.

Chautenay. Cabbage-Express, Henderson's Stone Mason, Savoy.

tumn Giant.

Champion.

Guernsey, Hollow Crown.

Squash-Giant Crookneck, Early Prolific, Boston Marrow, Essex Hybrid, Hubbard. Tomatoes-Early Ruby, Comrade, Potomac,

Imperial, dwarf champion stone. Turnips-Milan, White Egg, White Globe, St. Andrews, sweet German. Potatoes-Early Harvest, Early May, Wash-

ington, Carman No. 1 and No. 3. Spinach-Thick Leaf, Viroflay, Bloomdale, Victoria, New Zealand.

Salsify-Mammoth Island, French. Parsley-Champion, Moss Curied. Asparagus-Palmetto, Columbian, Rhubarb-Victoria, Monarch.

Cucumbers-Japan Climbing, Ivory Mon-SMALL FRUITS.

These hold out to the garden cultivator the investment, a crop of fruit and an increase of the excellent for bouquets and vases. is the most costly of all, and is furnished in sure stock of plants from ten to twenty-five per cent and available forms in "sulphate of ammonia," in strawberries and five to ten times in rasp- colors, extra fine for vases. berries and blackberries. The culture of all ingredient is cheapest in the form of "Acid that of profit. The demand for choice fresh scented flowers from early summer till fall. Phosphate," and dissolved boneblack, and finely fruits is increasing rapidly; what was a luxury Monarda didyma, two to three feet. "Sweet ground South Carolina phosphate rock, or is now a necessity for our tables. As a rule the Bergemot." An admirable plant, having sweet 4Floats," and these furnish it in the best form supply creates a demand. These contribute to scented foliage and large heads of brilliant the health, comfort and economy and makes scarlet flowers.

STRAWBERRIES

valuable as the higher priced sulphate of potash. The best soil is a rich sandy loam with a clay subsoil well fertilized with phosphoric acid and Formula. Top-dress when the grass begins potash. Apply at the rate of 1500 pounds per bright sweet scented flowers lasting in beauty acre evenly spread on furrows and well har- from June to September. 250 pounds nitrate of soda, 75 pounds acid rowed into soil. With the above conditions and place for strawberries.

Varieties: Early-Beder Wood, Haverland, Bubach. Medium-Ciyde, Enormous, Tennes. ering Spurge" having abundance of pure white see. Late-Brandywine, Glen Mary, Michigan. New Varieties-Sample, late, superb berry; Is- hardy perennials for cutting purposes. abella, late, very productive; Bismarck, a beautiful late berry.

Plant food and water makes this crop one of ering double yellow perennial ever introduced the most profitable of all. Hale speaks of an line for cutting. acre that was irrigated the past year which vielded 6640 quarts at eleven cents, \$730.40; non-irrigated, 2400 quarts at eight cents, \$192; ways makes this class of plants very conspicu profit 4240 quarts, \$538.40, showing what ous and attractive. Among the best varieties plenty of water will do just at the right time, giving an increased yield of 276 per cent, and Formula for Corn: -200 pounds nitrate of increasing the selling price thirty-seven and beautifully variegated with a creamy white soda, 200 pounds cotton seed meal, 700 pounds one-half per cent; the cost of irrigating that stripe down the centre of the green leaf. seld phosphate, or dissolved bone black, 200 acre was just \$86. Chemical analysis shows the pounds muriate potash, 200 pounds sulphate of composition of strawberries to be 90 9-10 water, low band running across the leaf making a

Scotia), 1600 pounds per acre. Cost, \$20.00. Good healthy plants of the productive vari- Sedum Spectablis Variegateum: Of beautiful Above well mixed and sown broadcast and well eties, with sufficient fertility and an abundance variegated foliage and showy heads of rosy harrowed into soil. If the land is sandy use no of water, are the ideal conditions for strawberry purple flowers.

RASPBERRIES

use 300 pounds cotton seed meal more than for follow closely on the strawberry crop and are very profitable. They need moisture and mulching, good clean culture and pruning. Red Varieties: Millers, Loudon, Cuthbert,

Columbian. Superlative, Harris, Worthy. Black Varieties: Palmer, Cumberland Conrath, Kansas, Hillborn, Onondaga.

BLACKBERRIES Agawan, Eldorado, Rathburn.

GOOSEBERRIES. Pearl, Chautauqua, Roeche, Red Jacket,

Golden Triumph, Keepsake. CURRANTS. Pomona, Wilder, Red Cross, Ruby, Fays,

profits with increasing demand. Give them strong soil, heavy manuring with Mix well the potash, plaster and mag- mulch, pinch back new growth to five inches Shakespeare, John Bull, Snow White, Thalls, branches is truly marvelous, and yet our people furrow out the land and apply evenly in the have made but a beginning—for there is a

For our fruit garden, well worthy of test.

NOVELTIES. flavor.

Straw-Raspberry Hybrid: beautiful berries celseum, Longiflorence, Rubrum, Krameri, ness of disposition and health of body, and solved bone-black for phosphoric acid; 200 good quality, wonderfully productive, 30 bush-Japan Balloon Berry: Large golden fruit all

Golden Japan Mayberry, handsome in foliage gentia Variety.

luscious in fruits. MARKETS. Where to sell our products is one of the Pearl, Orange Scented, Variegated. first questions to confront the grower. Our principally because there is less competition. A word as to selling the crops. Always wash Extra.-1.000 pounds dissolved bone-black, trim and pack neatly, use only clean boxes imperfect specimens so as to secure uniform contents, as to size, shape and color. Where your goods are known to be just as they are represented by their looks, the demand for them will increase and in like ratio the price. Do not overstock your market for nothing will make

prices drop like a glut in the market, land where prices drop the profits do likewise. high price for the country is large and Formula.-400 pounds muriate potash, 400 transportation cheap. Green crops are perpounds dissolved bone, 200 pounds nitrate soda; ishable, and remember it is only "the nimble pen-

perfection while perfection is no trifle." THE FLOWER GARDEN.

Carrots - Early Scarlet Horn, Danvers, in all lands and emblematic of "Those gems of earth in which we see

What Eden was, what Paradise will be." A flower by universal consent is acknowbeauty. Celery-Early Arlington, Giant Pascal, Gold- the cultivation of flowers in all the civilized Pomona" that will be beneficial to those that Melons-Arlington Musk, Hackensack, Mon- one of the prevailing feelings implanted in the what others have planted, let us now plant for human mind. One of the earliest signs of de. others to enjoy. Watermelon-Vick's Early, Mountain Sweet. light in a child is called forth by the sight of Peas-Alaska, Notts Excelsior, Strategem, flowers. In fact, it is a sure token of progress in the comforts of civilized life when flowers hensive address, Mr. Ware, the presid-Onions-Early White Pearl, Yellow Cracker, receive some share of attention. A cottage flower garden is one of the surest means of im-Pepper - Golden Dawn, Ruby King, Large proving the conditions of the poor, for it is not only a pleasing sight but it is a certain proof that Parsnips-Arlington Long White, Imperial all is well with the occupants. It is an indica-

tion of industry and cheerfulness. HERBACEOUS PERENNIALS. Hardy Border Plants. The following list cover the entire season. Achillia, two feet. pearly white, excellent for cutting. Aquilegia, three feet. Red, white and blue,

the national flower. Astilbe Chinensis, two to three feet. Grace ful pannicles of pink flowers. Campanula grandiflora, two to three feet

Very large, dark blue. Coreopis grandiflora, three feet. "Harvest Moon" beautiful golden yellow flowers, three inches across. From spring till frost, best for

Dianthus, one half foot. Mound pink, Pro fuse bloomers, finely fringed, blush pink, sweet scented.

Heuchera Sanguinea, one and one-feet. Handinducement of an immediate return upon the some foliage and bright red flowers all summer

Lychnis gr. fl., two to three feet. Lami the small fruits has other attractions besides flower, brilliant red, purple and white, sweet

> Pæonias, three feet. No garden is complete without its border of this grand old flower in all the shades from purest white to darkest red of immense size.

Hybrid Phlox 2 to 3 feet. No garden how potash, either from stable manures or the chem- ever small seems complete without some of ical elements found in bone and muriate of these grand flowers with their glorious heads of

Polemomium Richardsonli 2 feet. "Jacob's Euphorbia Corrollata, 2 to 3 feet. "Flow

flowers from July until frost, one of the best Rudbeckia Lacimata fl pl. 5 feet. Golden Glow. This is the handsomest early fall flow-

FOLIAGE PLANTS The sharp contrast in the color of foliage al

we name the following: Eulalia Japonica Variegata: The foliage Eulalia Japonica Zebrina: A distinctly yelmost remarkable and variegated grass.

Euphorbia Variegata, "Mountain of Snow

A very conspicuous plant, the margin of each leaf having a broad white surface covering two-thirds of the green leaf. Thymus Argentia fol. var.: These are extra

fine plants for a variegated border to walks. Alyssum Argenteum: A very fitting compan ion plant to the above, for edging, having a silvery foliage and masses of yellow flowers during summer.

Enonymous Radicans Variegata: This is the ideal plant for setting near stone walls, of the most exquisite foliage, a charming blending of red, white and green.

GARDEN BULBS. Gladiolus: This is the most satisfactory of all garden bulbs, as it will grow and bloom in any kind of soil, and making a brilliant display of coloring equaled by few and surpassed by none. Hybrid Seedlings, Lemonia Hybrids, Africana Duchess, Grand Rouge, Lord Byron, Flamingo,

No brush can paint or pen portray the exquisite purity and delicacy, yet magnificent grandeur of the stately lily. It is the perfection of floral beauty, of easy culture. Our Rasp Blackberry Hybrids: Primus Logan, twelve handsomest varieties are: Auratum, the phenomenal, immense fruit, handsome, of fine grandest of all lilles; Tennefolium, the brightest of all; Brownii, Candidium, Childsli, Ex-

Parryi, Pardaiium, Albrum Speciosum. Dahlias are one of the most gorgeous and showy fall flowering plants; best twelve varieties assorted colors: Jewell, Belle, White Dove, New Climbing Raspberry; ten to fifteen feet, Hermon, Madame Brunt, Floret, Garnet, Souvenir, Livonia, Nymphia, White Bedder, Ar-

Tuberose. The sweetest of all blooms used to decorate the bride and the bier: Excelsion,

CANNAS. The most popular and magnificent summer blooming plants, handsome in foliage, brilliant in flower. Dwarf Varieties: Queen Charlotte, age better prices than the great city markets, gold, Madam Crozy, scarlet and gold, Flamingo, crimson, Golden Star, yellow, Fairy Queen spotted, Philadelphia, ruby red, Medium Varieties, Alsaise, white, Florence Vaughn, spotted Ehemanni, scarlet, Primrose, yellow, Alba

NEW GIANT VARIETIES Italia, scarlet yellow border, Austria, yellow dotted with red.

GARDEN ANNUALS. Of course these will always occupy a large space in every garden. Such rapid improvements are being made by all enthusiastic seed growers that each season new and improved varieties are introduced. Always have a rich balsams, candytuft, celosias, delphiniums, dian-

portulacas, stocks, verbenas, zinneas. In new varieties we want in the plants, vig divided attention, respect your calling, and it size, fine form, good quality, firmness and good will you. Always along the lines of your color. Fruit growers continue to sow the best specialty seek to originate and to improve on the seeds from the best varieties. Test carefully best means, methods and things at your com-the most promising seedlings; "prove all things, mand, ever remembering that "trifles make hold fast that which is good." Let us go on raising varieties to replace the excellent kinds that are so fast disappearing, having filled their No home is complete without its flower gar | mission, like the noble men that planted them.

When I reflect upon the progress of horticulcherished and almost worshipped by all people ture and its benign influence on the health and happiness of mankind. I am most grateful to those noble men who did so much to help the cause in its earliest days, and by their laborious plantings we are now reaping such rich re-Sweet Corn-Crosby's, Champion, Potters ledged to be so excellent in design and so lovely wards and enjoying the fruits of their toil, in endless variety of its form and color, that it which contributes so much to our happiness Cauliflowers - Dwarf Erfurt, Snowball, Au- has become a type of all earthly perfection and and welfare today. Let us in our day and gen-The ingenuity of man is exercised on ation contribute something to the "Sh countries of the world. The love of flowers is may come after us. For as we have enjoyed

At the close of Mr. Stevens' compre-

ing officer, said: (Continued on Eighth Page.)

America's Greatest Medicine

GREATEST, Because Hood's Sarsapsrilla is the medicine to which the

bulk of the people naturally turn when overtaken by sickness, caused by impure blood, scrofula, dyspepsia, etc., or when recovering from debilitating blood-poisoning diseases like diphtheria, scarlet fever, etc. GREATEST. Because of the vast number

of testimonials which come from every city and hamlet in the land, telling of marvelous cures and overflowing with gratitude. Greatest, Because it eradicates every vestige of scrofula, cures the worst cases of hip disease, subdues the itch-

ing and burning of eczema, heals all sores, boils and eruptions, and every ailment due to impure blood. GREATEST, Because it conquers dyspepsia by toning and strengthening the stomach, cures rheumatism by neutralizing the acid in the blood, overcomes catarrh by removing the

scrofula taints that cause it. GREATEST, Because unequalled by any other medicine for supplying the nerves with pure, rich, nourishing blood, and thus curing nervousness, neuralgia and nervous prostration. GREATEST, Because of economy and strength, Hood's Sarsaparilla being the only medicine of which it can truly be said, "100 doses one dollar." GREATEST, Because it is prepared in

three acres of floor space. GREATEST, Because it is peculiar in combination, proportion and process and possesses curative properties unknown to any other medicine. GREATEST, Because of the greatest

the largest Laboratory on earth -a

building which contains more than

cures, greatest merit, greatest sales, greatest hold upon the confidence of the people as an honest medicine. Hood's parilla

Is America's Greatest Medicine.

Sold by druggists. Prepared only by

C. I. Hood & Co., Lowell, Mass.

America's Six Greatest Dairying Authorities on **Cream Separators.**

University of Wisconsin Experiment Station.

"Another year's experience in our creamery, which we operate in a practical way as well as for experimentation and instruction, has given us still higher appreciation of the 'Alpha' be Laval separators. The exhaustiveness of the skimming under the varying conditions of milk-flow and temperature continues highly satisfactory and the machines give full evidence of lasting qualities under daily use."

W. A. HENRY, Dean and Director.

Cornell University Experiment Station.

"Another year's experience serves to confirm our opinion of the 'Alpha' De Laval separators. It has been my good fortune to observe closely the operation of a large number of separators of the various kinds in general use, and my observation has led me to believe that in material, workmanship, and efficiency of separation, the 'Alpha' De Laval machine sasily rank first."

H. H. Wing, Professor of Dairy Husbandry. Michigan Experiment Station. Agricultural College, Mich., Jan. 12, 1898.

"It gives me great pleasure to repeat my testimony as to the value and efficiency of the De Laval separators. For another year they have been in constant use under my immediate observation. The per cent. of fat in the skim-milk is seldom more than a mere trace. Although subjected to the trying conditions of our Dairy course, where beginners must put them to-gether and operate them, they have required little or no repairs and are still in excellent condition. The results of a long course of experiments, during which these machines have been subjected to every reasonable test, commend them for efficiency, thoroughness of skimming, small power required, ease of management and perfect construction."

red, ease of management and perfect construction CLINTON D. SMITH, Director.

Dr. S. M. Babcock. University of Wisconsin Experiment Station,
Madison, Wis., March 5, 1897.

"For the past six or seven years we have used at the Experiment Station and in our Dairy School nearly every type of De Laval separations, and without exception they have given excellent satisfaction. We have had the 'Alpha' machines in our Creamery and Dairy School since their first introduction in the United States. These machines are easily managed, skim close under varying conditions, run light, cost little for repairs, and give a smooth cream, well suited for pasteurizing and the general trade, as well as for the manufacture of butter."

S. M. Babcock, Chief Chemist.

The author of "American Dairying." "I became acquainted with the 'Alpha' separators when first introduced in this country, while in the employ of the Wisconsin State Experiment Station as Dairy Instructor, in 1891. Its work then convinced me that it was superior to any separator in the field. This opinion has been fortified more strongly each succeeding year by what I have learned of its work in comparison with other separators."

H. B. GURLER.

University of Minnesota Experiment Station. St. Anthony Park, Minn., Jan 24, 1898,

"We have now operated the different sizes of the 'Alpha' De Laval
separators in our college of agriculture, school of agriculture, and experiment station for the past seven years, and in every instance they have
given entire satisfaction. They all skim clean to their full rated capacity
and at a wider range of temperature than is claimed for them. I do not see
how it could be otherwise when the law of gravity and the distance the
milk must travel in passing through the separator is taken into account.
The thinner the layer of milk as it passes between the discs, and the further
the milk must travel under centrifugal pressure the more exhaustive and
complete the separation. It, therefore, follows that the 'Alpha' is the ideal
separator."

T. L. HAECKER, Professor of Dairy Husbandry.

***** The sale of "Alpha-Baby" cream separators is now almost The number in use exceeds 125,000. Their sale is ten to one of that of all imitating machines combined. The improved 1893 machines are better than ever, and possess from 10% to 25% greater intrinsic cost and producing value than ever before. Send "Dairy" catalogue No. 268 or new "Creamery" catalogue No. 508.

THE DE LAVAL SEPARATOR CO.

NEW ENGLAND SUPERVISING AGENTS. GENERAL OFFICES: 74 CORTLANDT STREET, MOSELEY & STODDARD MFG. CO. RUTLAND, VT.

NEW YORK.

JOSEP I BRECK & SONS, Corporation, 47 to 54 No. Market Street, Boston.

Special New England Exhibitors, Agents and Handlers.

DARLING'S HIGH GRADE FERTILIZERS AND PURE FINE BONE

*

Have been proved by progressive farmers to be of the highest nutritive value. They are rich in nitrogen, phosphoric acid and potash, derived from the best sources. These elements are combined in proportions adapted to the growth of Corn, Potatoes, root

Darling's Fertilizers are fine and dry. They will start the crops, and what is equally important, carry them through to maturity. Our 189 catalogue treats the fertilizer question in a concise manner. We send it FREE.

L. B. DARLING FERTILIZER CO., Pawtucket, R. I.

......

RE A PIONEER MINER

And Get in Before the Spring Rush and Receive Advantage of its Influences.

COPPER STOCKS ARE BOOMING.

THEY ADVANCE IN BOSTON IN THE FACE OF THE WAR SCARE.

ondensed from the "United States Investor," Boston, March 5, 1898 The market for copper stocks is booming. While the Maine explosion caused all other ecurities to rapidly decline, they showed unparalleled strength. The non-dividend payers even are advancing. Copper has advanced to twelve cents a pound, which means enormous profits. Consumption of copper is advancing faster than its production. In January England, France and Germany consumed more copper by 4,473 tons than the entire production of the United tates. The visible supply in England and France decreased 2,693 tons during January and

Higher prices for copper stocks are confidently predicted. Boston & Montana has advanced from 15 cents in July, 1893, to \$1.88 in March, 1898, and Calumet' & Hecla between the same period from \$2.47 to \$5.40. Copper stocks are higher than which copper was 17 cents or 5 cents per pound higher then now, which indicates a conviction teat the immensely increased demand must greatly advance the price of the metal.

IMPORTANT NEW COPPER DISCOVERIES IN COLORADO ONLY.

in recent years no new copper'discoveries of importance have been made in the entire world except in Colorado. These are now causing a great rush to the

PARADOX VALLEY.

THE KENDRICK PROMOTION COMPANY

ent a representative at the earliest moment into this new district and secured over two miles in sent a representative at the earliest moment into this new district and secured over two miles in length of the largest veins discovered, also a tunnel site controlling 3000 feet square of ground of immense value. The ore carries a high per cent in copper and in addition paying quantities of Jones, is one who has made a succession.

gold and silver associated with the copper. For the purpose of owning and working these claims THE PARADOX COPPER-GOLD ZINING COMPANY has been organized with a capital of 1,500,000 shares of \$1.00 each, full been a long and varied one, and whole subject. Any of our re paid and non-assessable stock, carrying no individual liability; all the claims, free from debt, have been deeded to this company which has no debt and \$2,000 cash in the treasury. One-half PLOUGHMAN Off is, Bo of the whole capital stock, 750,000 shares, has been placed in the treasury of the company to be sold for the purpose of raising money with which to develop the property. Only 100,000 shares of this treasury stock will be sold at \$50,00 per thousand shares; the next 100,000 shares will be fered at not less than \$75.00 per thousand shares.

The Kendrick Promotion Company has been in the mining stock business in Denver for the oast twenty years, and during that time has handled many of the large mining propositions of the state, with large profits to its cu-tomers, and has no hesitation in recommending this as one of the most promising that it has ever presented to the public. We anticipate that this stock will be quickly taken, and it will therefore be necessary to send in orders without delay. We handle all stocks listed on the Denver and Colorado Springs Exchanges.

The Kendrick Promotion Co (\$50,000 Paid in) MINING EXCHANGE.

Denver, Colorado, U.S. A.

Our weekly mining letter sent to all applicants.

LIVE STOCK FOR SALE.

Henderson Dairy Co. Registered Jersey Cattle for Sale at reasonable

CHOICE BRED JERSEYS

For Sale st. Lambertrs, Rioters other strains.

Presh Collarge, rich milkers, Holl

Inspection invited. Family cows a specialty. STOUGHTON & BURNHAM. Montague, Mass.

1854 to 1898

UNDER ONE MANAGEMENT. The proprietor is yet active and invites all te call and see the effect of growth in his day. A Catalogue sent by mail free. Large and Small Fruits, Shade and Evergreens, Hardy Shrubs, Roses, Trailing Vines, a thousand varieties of Perennial Border Plants blooming from April to November.

JACOB W. MANNING, Proprietor. READING, MASS.

Farm For Sale or To Lease.

60 Acres—Well divided ½ acre Strawleries, ¼ acre raspberries in bearing. Plenty apples, peaches, plums, and cherries. Land in good cultivation. Will keep 5 or 6 head and team. House of 8 rooms, wood-shed and carriage house connected, large barn and hen house, for 150 hens, ice-house and piggery. Milk and cream sold at door. Situated in Essex County and convenient to good market. 2½ miles to villes. convenient to good market, 2½ miles to village P. O. and Depot. Price \$3000, easy terms, or will rent for \$160 per year.

JAS. A. WILLEY.
178 Devonshire St., Boston Mass

18 Wall St., Rochester, N. Y.

White Wyandotte Eggs, 13 for \$1.25. Silver Wyandotte Eggs, 13 for \$2.00. F. W. WELLS.

Apple Orchard. Wanted a snug place, with young trees preferred. Anyone having such to sell should consult. J. A. WILLEY 178 DEVONSHIRE ST., BOSTON.

Express Business. TOR SALE OR EXCHANGE—8 miles from State St., Boston. Old Established route been doing business for the past 20 years. Property consists of 20 hores, 4 double wagons, 1 double caravan, 3 single caravans, 4 single wagons, 3 double pungs, 5 single pungs, 1 double tip cart, 1 single tip cart, 1 buggy, 1 sleigh, 4 double harnesses, 7 single harnesses, stable tools, office furniture, etc. Book open for inspection. furniture, etc. Book open for

Book open for inspection.

Apply to JAS A. WILLEY,

178 Devonshire St., Boston Farms and Country Homes ham, Cohasset, Scituate, Duxbury field, from half an acre to 200 acre \$1000 upwards. The quality of the kets and the convenience to Boston

section one of the most desirable for regetable raising, as well as for sum For list of places and prices, address J. A. Willey, 178 Devonshire St.

Some New Hampshire Farm Bargains particulars of which can be had on ap plication at this office or of E. H. Carroli Warner, N.H.

CRANBERRY BOG FOR SALE.

One of the best Cranberry Bogs in Plymouth County for sale. Located near the ocean an railroad station, good stream of water throit; easy to drain and can be constructed about one half what it usually costs pienty vines growing on it in the natural state that; duce fruit of better quality than most of the C cranberries. For particulars apply to

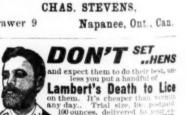
EDMUND HERSEY, Cedar Hedge Farm.

CHAS. STEVENS "Star Brand" and "Beaver Brand"

BONE AND POTASH FERTILIZERS. And Exporter of

CANADA

UNLEACHED HARDWOOD ASHES. Write me for Price List, Pamphlet and Calebdar. Address



999999999999999 SPRAY PUMPS

D. J. LAMBERT, APP

our Pumps are Used by the Leading Ag CHARLES J. JAGER COMPANY 174 HIGH ST., BOSTON, MASS

Dairying for Profit, POOR MAN'S COW

For 15 cents



JAS. A. WILLEY
Devonshire St., Boston.

POULTRY.

٥.

Se.

mable

SEYS s and Cows, eifers in high

Mass.

IT.

all to

ties of

apples, good feam. house or 150

M 484

.25.

.00.

S. N. Y.

LLEY

401

gains

on ap

rand"

ES.

Can.

IENS

Lice

M FREE

IY.

W.

FOR BEST

CARTS

DWOOD.
EL AXLES.
IN NARROW
IRES.
WHEELS.

New York

10

..... Poultry in the City.

raised in this country is owned in cities, towns and villages, and, it may be added Charles Graf says: "I think a small flock the market. pays better in a city than in the country. I have a flock of twenty-two chickens during that period was sixty cents for Silver Wyandottes. meal and corn.

saved, even the water the vegetables were boiled in. Then I boil potato peclings, rutabaga and turnip peclings, laying stock to full number at less cost any one but a commission man wanted any one but a commission wanted any one but a commission man wanted any one but a commission wanted any one but a commiss cabbage leaves, etc., to last three or four days. With that, the kitchen scraps and a handful of meal, I feed my chickens morning and night, but give it to them warm. But where the city folks them warm. But where the city folks have the advantage over the chicken raisers in the country is in the feeding of green bone, which they can get at somewhat into fashion again. It's of green bone, which they can get at somewhat into fashion again. It's ing your own honey different from the butcher's for the asking. I have a virtues have been somewhat obscured selling books and notions. People will never mind there is a very large margreen bone cutter and I would not part with it for a good sum, if I could not with it for a good get another. Of course it costs a great what smaller breed; and its plumage, the self-respecting kind. It any one keepers. Plan to raise a crop of good cultivator. I grew good crops by this deal for a few chickens, but the saving although somewhat similar to the Ply-

small for twenty-two hens, but Mr. Graf got 257 eggs in January, which is evidence that he manages them properpurchasing thoroughbred males or eggs
honey at fair prices, at odd times in fall ly. The size of the yard is not so im- from pure bred fowls, but if one under- and winter when time is not worth portant as to keep the hens at work. takes to raise fine poultry, advertise and much, and much more can be sold by They can be kept busy on a small plot compete with the leading fanciers, he devoting more time to it. as well as in a large space by giving will most likely fail. It is not in his them litter in which to scratch. When line. Most any one can learn to raise tailed, in my experience. It too easily feeding them aim to give them too little poultry for market and make money at gets to leaking, and is then mussy, and rather than too much. Allow them to it. Not so with the fancy business. It not attractive. Sell comb honey only Mich., in Gleanings in Bee Culture. finish their meals somewhat hungry, requires knowledge, perseverance and by the case if at all. Perhaps I may be and then scatter a gill of millet seed in time. Leave this for those who make pardoned for saying, in such an article the litter, which will induce them to it a specialty, follow it in earnest and as this, that I have for many years kept scratch and work vig rously. It is not for life. wise to feed them every time you have scraps. A light meal in the morning and a full meal at night is sufficient,

Goslings.

that of chickens, but should contain a causes, with frequent poor seasons, renthat of chickens, but should contain a causes, with frequent poor seasons, renlarge proportion of green stuff. A der the honey crop uncertain; and, mash of shorts and cooked vegetables is excellent and may be fed three times a counted seven to twelve cents.

der the honey crop uncertain; and, wanted. It is usually most satisfactory at this time of year to let the purchaser of the purchaser at this time of year to let the purchaser at the year to let day. When eight or nine weeks old Formerly I raised comb honey almost furnish the dish, then there is no packent and may be fed three times a and two weeks before they are to be exclusively, and shipped nearly all of it age to pay for in return. marketed, they should be fenced up and fed stiff corn-meal dough and beef ago I unexpectedly had about a ton of

not be unduly disturbed or frightened, would probably have netted tour to five often paves the way to a large one the White Plume variety; before irrigaas it will interfere with their growth. cents a pound, some time. I had never later, and it always pays to be accom-There is a good demand for green tried peddling honey, and was very modating and obliging; but I charge were placed along the rows. I am now geese weighing from fifteen to twenty much prejudiced against peddlers and one cent per pound more for less than a (Oct. 26) marketing the celery and flad that weight at ten or eleven weeks of honey. I loaded some of it into the In cold weather, when honey will not size, but the growth was not as rapid as age. Gray American goose is the wagon, put up in convenient packages run readily, I put up honey in one, two, it would have been earlier in the season favorite in this section.

For Setting Hens.

they are likely to sit quietly and become buy.

Preserving Eggs.

ED. MASSACHUSETTS PLOUGHMAN:

Dear Sir: In an article on preserving eggs, you speak of water glass. Do they dip the egg into that solution which forms a coating over the shell?

B. F. TAFT. Boston, Mass., Mar. 29.

FOR SALE—Solid colored bull, 75 per cent of the blood of Merry Malden. Dropped Aug. 2, 1897. Sire, Chromo, the sire of 6 in the 14 lb. list. Dam, Daretta, test, 16 lbs. 6 yz., tull sister of Costa tilea, 21 lbs. 6 yz., tull sister of Costa tilea, 21 lbs. 6 yz., tull sister of Costa tilea, 21 lbs. 6 yz., and 6 spark, 20 lbs. 3 yz., tull sister of Costa tilea, 21 lbs. 6 yz., and 6 spark, 20 lbs. 3 yz., and 6 spark, 20 lb water glass over them .- ED.

Poultry Notes.

A Massachusetts poultry grower asserts that no breed will lay so many eggs at the season when eggs are About one-third of all the poultry high priced as the Black Langshan.

Broilers begin to touch the highthat town people nearly always keep est quotations during April, often pure breeds, and know as much about reaching forty cents a pound for best raising poultry as farmers. Concerning stock. They must be well fatted, yelthe keeping of chickens in towns, Mr. low meated, and well prepared for

Ask a market man what breed of eight hers and fourteen pullets, poultry he favors and as a general rule BRANCHES: which I raised myself. I keep them in he will answer, the Plymouth Rock. s coop 5x9 feet which stands in a yard In that term, however, he generally in-18x20 feet. In the months of January cludes all the medium sized breeds of 1 got 257 eggs, and the cost for food similar style, such as the White and minute, and listen. When I was young

> than a grower of the large kinds. The any of it he had to ask for it. I am not say. A little ridiculous, isn't it? cost of the keeping of the Leghorn is also a natural salesman, a poor talker—tim-tition in selling honey. Yes, but that less, and no doubt their eggs are pro-duced at lowest possible cost.
>
> id, diffident and easily rebuffed. I can, however, sell an average 100 pounds of

in food will pay for it in a year, leaving mouth Rock, is not quite so handsome. out of the consideration the gain in eggs."

They are yellow-skinned, hardy, good
They are yellow-skinned, hardy, good
it will be some one whose opinion is extracted noney next season, and the get all there is in it. Don't divide with transportation companies or middlemen. They are yellow-skinned, nardy, goodit will be some one whose opinion is
layers and good for market poultry.

It will be some one whose opinion is
not worth minding. Any one with a

W. A. CROSBY.

APIARY.

Money in Bees.

Hens make good foster mothers for profitably is becoming a serious probgoslings, so do the ordinary brooders lem with most bee-keepers. Not many of doing this differ from the usual ones; They are more easily taken care of than years ago it was easy to raise comb but I will not take time now to explain. ment. My water tank holds 100 barrels dressing of ashes was given before setchickens and require only a very low honey, ship it to some commission Perhaps in some future article I may do enclosure with no cover; a foot in house in a near-by city, and realize sixheight is enough to restrain them. They are ready to eat grass almost as soon as Now in many places most of the honeyhatched and will eat a great deal of it. | Now in many places most of the noneyproducing timber is gone, and waste to a five-gallon screw-cap tin can of tween the rows of celery thoroughly another plot commercial fertilizers Their grain food is much the same as lands reclaimed and cultivated. These honey; place the can on the wagon-seat, wet with manure water for about a alone. The results of these experi-

autumn extracted honey to dispose of, selling honey direct to comsumers. I could see the color of the leaves change in exchange. Goslings are rather timid and should Shipped to a commission house it can't agree with them. A small sale to a darker green. The celery was of pounds per pair, and they should reach peddling; but I wanted more for that dollar's worth. compartments, barred in front, and peddling (honey at least) was not such good qualities until used. Dress neatly ts quality, although there was plenty or each which can be raised to let the hen and acquaintances who had passed by out. It may be made long enough to frequently for years and seen the sign, accommodate almost any number of "Honey for Sale," but never bought where it will be sheltered from wind when it was carried to them. And they and rain. The best time to place the didn't buy afterward, either, unless I hens on their nest is at night, for then carried it to them and asked them to

accustomed to their new position; but | The ton of honey was soon sold at there should be no hurry to put good | eight to eleven cents per pound, accordor valuable eggs under them, for if they ing to quantity wanted, and several happen to get restless the eggs are thousand pounds more were bought likely to get broken. A few common and sold at a fair profit. Since that eggs will do for this purpose for a day time I have raised mostly extracted or two, until all are sitting quietly, honey, always retail it myself, and am when they should be removed and the getting the same prices now in these eggs from which it is intended to hatch times of very low prices that I did ten chickens placed beneath them in the years ago. Honey, if a good article, nests. The number of eggs may vary will sell itself almost anywhere, if givfrom ten to fourteen, according to their en a fair chance. I have never found a size and that of the hen which is to place, in country or town, where it would not sell fairly well, any time of year, though in the fall is best in my experience, after the bulk of fruit is gone, and the many needs of the winter season have not yet taxed the pocket-

> can't peddle;" or "I won't stoop to peddling!" Now, neighbor, stop a

Join the Army



and dairy farmers who g, money making SHARPLES

P. M. SHARPLES. West Chester, Pa.

and green I tried "canvassing" for a book. For years after I had a horror little tact and energy can dispose of A crop of extracted honey is much surer strawberries. After the plants have Farmers should improve their fowl; by 3000 to 5000 pounds of good extracted

> from 50 to 195 colonies of bees, and have raised and sold over 60,000 pounds of honey, and bought and sold much and not plausible theories.

How to dispose of the honey crop ripened extracted honey, and so care for To force it into a more rapid growth, high grade fertilizers were hoed in citor wishes it.

and attractive.

tracted or strained honey, or, may be, ground did not bake, and much less they think the honey is bogus. I have water was required for irrigation; but many times had such people taste my few weeds grew around the plants and honey and say, in a surprised way, the berries were kept clean. I am so "Why, that is good. That is genuine well satisfied with my experiments in

Don't annoy people by urging them to buy when they don't want to, and be of those successful invariably polite and pleasart whether thousands of cow keepers and dairy farmers who are using the labor save friends who will be glad to see you come again. Follow the same route every year, and your sales will increase few cows; they need to get all the money there is in the few. They know how best to do it. They use a Sharples Hand Separator. Those who keep TOR. In either case they get all the butter fat BRANCHES:

You can go over the same ground as often as once in six weeks to advantage. I have many customers who at first bought lightly, or not at all, who now buy twenty to fifty pounds of my honey every season.

BRANCHES: up to February 1, and all autumn honey too. I seldom have any other kind in my present location. But there is little buckwheat, and the honey is mostly from goldenrod, fireweed, and Spanish needle. One pleased customer will It may fairly be estimated that two of peddling. When I came to keep often find others for you. In this way I have this season sent three five-gallon It may fairly be estimated that two deep the water the vegetables were boiled in. Then I boil potato were boiled in. Then I boil potato the cost of one fowl of the large breeds were boiled in the cost of one fowl of the large breeds the cost of one fowl of the cost of one f

than a crop of comb, and, in most local- been set and cultivated about a month, ities, two or three times as great. Ask I will place a narrow mulch about eight a fair price for your honey (all you can inches or ten inches wide on both sides is much easier to lower prices in a good for a narrow cultivator, and keep the year than to raise them in a poor one. runners all off except one or two which It there is a large or small crop of grain will be allowed to s t in the rows. The or fruit, everyone knows it. Not so mulch will keep down the weeds close with honey .- H. D. Burrell, Covert, around the plants, and until the weeds

Experimenting in the Garden.

This year I had a few rows of celery mer. that was planted late, and up to the I have also made experiments in usbesides. I write facts learned in the middle of September it had a small ing different kinds of fertilizers in growcome too fat and have bowel disease. knew the celery would not grow to a part of the field stable manure was used First, secure a good article of well- marketable size before cold weather, alone. On different parts some field with liquid manure, as an experi- manure; on another part a heavy top for manure. This was filled with well fertilizer applied around the plant at the roots, and did not come in contact with

that the greater part are grown to full for retailing and started, though with and four quart tin pails, and charge under the same treatment. But the much trepidation. I knew a few re- extra for the pails. Always, to every quality of the celery was superior to any buffs would send that honey to the city package sold, attach a neatly printed that I ever tasted of this variety. The A very good arrangement is to have for what it would bring. But I sold label, giving your name and address, rapid growth had made it very tender a long box about one foot six inches in honey at nearly every house, over 300 and plain, simple directions for so carheight, without bottom, divided into pounds the first day, and decided that ing for the honey that it may retain its customers after they had learned about but plainly, like a farmer, not like a larger celery offered that was hollow that if celery is allowed to remain in Now we are ready, how shall we find dry ground after it is blanched ready for hens, and placed in a retired situation a pound of my honey, bought freely and label it. Call at every bouse—skip this section, where celery is grown for none. You will often make sales where market, it does not often pay to set it you least expect it. When the door is out after the first of July, as there is not opened, say, "I have some choice honey, time after this for it to make a large please get a spoon and sample it." Right growth, and if my late celery this year here is the main point. Get every one, had been planted two or three weeks if pos-ible, to taste your honey. Most earlier I would have obtained a much people have sweet teeth, and a taste of larger growth and realized a considergood honey puts them in good humor. able more from its sale. One thing I Be very sure that the children, if pres- have learned from my experience this ent, have a taste too. It you don't know year is that it pays to mulch plants to already that parents' hearts are very retain moisture and save cultivation. easily reached through their children, I placed a mulch of straw and manure you will soon learn it. If a servant or between some rows of strawberries I child goes to consult the housekeeper wished to irrigate. The mulch was placed about buying honey, see that the honey- close to the plants on each side of the pail and spoon go too. Twenty-four row, leaving an uncovered space about people out of twenty-five would say six inches wide in which to run the "no!" if asked if they wanted to buy water. A little furrow was made in extracted honey. If they taste first this space with a hoe and the water many will buy. Many are prejudiced started at the upper end of the row, and against extracted honey. Perhaps some allowed to run until the ground under time they have had a poor article of ex- the mulch had become well soaked. The

> TREESANDPLANTS FREIGHT PREPAID.

FERTILIZERS

BEING PREPARED FROM THE CHOICEST MATERIALS, ALWAYS PRODUCE THE LARGEST POS-SIBLE CROPS OF GRASS, GRAIN, FRUIT, AND VEGETABLES IN THE SHORTEST TIME.

BRADLEY FERTILIZER CO.

BOSTON, MASS

ROCHESTER, N. Y.

CLEVELAND, OHIO.

ALSO FOR SALE BY

JOS. BRECK & SONS' CORPORATION.

47 TO 54 NO. MARKET ST., BOSTON, MASS.

is one of the three important ingredients of a complete fertilizer; the others are phosphoric acid and nitrogen. Too little Potash is sure to result in a partial crop

failure. An illustrated book which tells what Potash is, how it should be used, and how much Potash a well-balanced fertilizer should contain, is sent free to all applicants.

Send your address.

GERMAN KALI WORKS, 93 Nassau St., New York,

can grow up through it, I shall have so much less space to weed. I have now some very fine plants on a small place

RELIABLE INCUBATOR & BROODER CO., Quincy, III.

that I am trying the plan on this sum-

uncommon occurrence for sentitive, delicate women to be be-headed for trivial or imaginary of-fences. In this re-spect the world has made great strides. Nevertheless, wom-en still suffer death in a slower and more torturesome form, and for no offence whatever, save a little ignor-ance, or pos-sibly, a little

very large. The smallest where com-

woman who suffers from weakness and disease of the distinctly feminine organs, whether she realizes it or not, is being slowly but surely tortured to death. She suffers almost con-tinually with sick headache. She has pains in the back, what she calls "stitches" in the side and shooting pains everywhere. She experiences burning and dragging down sensations. She becomes weak, nervous and despondent. She neglects her home, and is petulant with her husband. If she consults the average physician, there is not one chance in ten that he will hit upon the real cause of her trouble. He will attribute real cause of her trouble. He will attribute her bad feelings to stomach, liver, heart or nervous trouble. A woman in this condition should consult some eminent and skillful specialist who has had a wide experience. Dr. R. V. Pierce, for thirty years chief consulting physician to the Invalids' Hotel and Surgical Institute, at Buffalo, N. Y., has, with the assistance of a staff of shle physicians or prescribed for many thou. able physicians, prescribed for many thousands of women. He has invented a wonderful medicine for alling women, known as Dr. Pierce's Favorite Prescription. It has stood the test for thirty years. It acts directly on the delicate and important organs concerned in wifehood and mother-hood, making them strong and well. It allays inflammation, heals ulceration, soothes pain and tones and builds up the It transforms weak, nervous women into healthy, happy wives and mothers.

"I was an invalid for over a year with change of life." writes Mrs. C. Smith. of Orr. Cascade Co., Mont. "Had pains across the pit of my stomach and such extreme weakness I could hardly walk. I took one bottle of Dr. Pierce's Golden Medical Discovery and five of his 'Favorite Prescription' and am entirely well."

One Boy's Success

Gerry B. Lawrence, Assety, Mass.

This 15-year-old boy owns and manages a successful poultry farm. Beginning with a few common hens he is now a large, successen premiums at the Boston Poultry Show, Jan., 1896. There is no business a boy can carry on with more profit than poultry raising. Every town or country boy can learn how to make money by studying carefully the pages of

Farm-Poultry

Price \$1.00 a Year; 50 cts. for Six Months Send 12 cts. for sample copy containing an article on the boy poultry-breeder and his suc-cess; also a 25 ct. book, A Living from Poultry.



THE WHOLE STORY

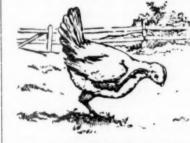
HATCH Chickens BY STEAM-EXCELSIOR Incubator Simple, Perfect, Self-Regulating. Thousands in successful operation. Lowest priced first-class Hatcher marks. OEO, H. STAHL.

MOSELEY'S OCCIDENT CREAMERY FOR TWO OR MORE COWS. PERFECT CREAM SEPARATOR. SEND FOR CIRCULARS.

BOSELEY & PRITCHARD MFG. CO., CLINTON, 10WA.







THE BUSINESS HEN

Breeding and Feeding Poultry for Proju-A condensed practical encyclopedia of profita a noultry-keeping. By 25 practical poultry men of Jacoba, Henry Haie, James Rankin, J. H. Dresensted audothers. Fully answers merson audothers. Fully answers merson of the most valuable as ticles on poultry ever written. Starting with the puestion "What is an Egg?" It indicates the conditions of the most valuable as ticles on poultry ever written. Starting with the puestion "What is an Egg?" It indicates the conditions for developing the egg into a "Business Hen. Incubation, care of chicks treatment of diseases, selection and breeding, feeding and housing, are discussed in a clear and simplementer. Two successful egg-farms are described. Answered of 600 hens that average of short, this is the best book for all who love "the little American hen" that has ever been printed.

Price in paper cover 40 cents. For Sale by Mass Ploughman.

STRAWBERRY PLANTS If you want the **HEST** strawberry and other small fruit plants, asparagus roots and veg-etable plants, send for my 1898 catalogue and see if I cannot suit you as to quality and price. GEORGE F. WHEELER, Concord, Mass.

HOTELS.

WHEN IN BOSTON, STOP AT THE

MERICAN HOUSE

Hanover St., near Scollay So Mearest of the large hotels to Union Station, Steamers, business and amusement centres LARGEST ROOMS in the city for the EUROPEAN PLAN. The special breas

RAILROADS.

STONINGTON LINE TO NEW YORK.

Express train leaves Park Square Station week days at 7.00 P.M., arriving in New York at 7.00 A.M., in time to connect with all early trains Steamers Maine and New Hampshire 11 commission.

commission.

Tickets and State Rooms secured at station Park Square, Boston, and 3 Old State House, Boston, L. H. PALMER, Agent, Telephone No. 1846

J. W. MILLER, O. H. BRIGGS, President. Gen. Pass. Agt.

Farm, Garden & Lawn, Are used by the best and most advanced cultivators.

OUR NEW CATALOGUE vill be mailed on tains a full list of Novelties and all the best strains of sandard varieties of seeds. Write for it to-day.

R. & J. FARQUHAR & CO., 16 and 19 South Market Street, BOSTON

Owners of Farms If You are desirous to

SELL, RENT, OR EXCHANGE Your farm, WITH or WITHOUT privilege of buying, now is the time to list them with us. We re constantly having calls for such, and make a pecialty of FARM FROFFRTY. Send full par-iculars to

MASS. PLOUGHMAN OFFICE.



DR. T. A. BLAND' How to Get Well. How to Keep Well

MASS. PLOUGHMAN, 178 DEVONSHIRE St., BOSTON.

SEPARATOR BARGAINS I have on hand and for sale a large number of SECOND HAND CREAM SEPARATORS Of various sizes and different makes. These machines are in first-class condition, having just come from the repair shop. Address

P. O. BOX 856, Philadelphia, Pa. FOR SALE BY

11 Portland St., Boston, Mass. DOGS. PANCY FOWLS. PIGEONS, CANARY BIRDS RABBITS, and GUINEA PIGS.

MEDICINES for DOGS and BIRDS. MANGE CURE WHICH BEATS THE WORLD Also Seeds of All Kinds.

HAY AT 86 PER TON

would be cheap, but I have some feed at six dollars per ton that is as nuiritious as hay. Of course your cattle must have some hay, but you can feed much less hay, and make up the required weight or bulk, with this feed. Sold in any quantity at 30 cents per 100 hs, delivered at depot in Boston, the bags are ten cents each, returnable at same price, or you can send your own bags if you prefer. Will rend you a trial lot of 300 hs on receipt of one dollar, which will give a chance to see it and try it on your stock. I have a few small cars of 12 tons each for \$50, you to pay freight from Boston. These would not he quite as uniform in quality as those advertised above at six dollars per ton. I will refund \$10 for the bags if returned within 30 days, which will make the cost of 12 tons only \$40. Terms, cash with order Better be quick and order a car of it. C. A. Parson, 154 Commerial street, Boston, Mass.

Before Buying New Harness

Send 4c. in stamps to pay postage on 116-page Illustrated Catalogue of custom-made oak leather harness, sold direct to the consumer at wholesale prices; 100 styles to select from. We manufacture our own goods and can save you money.

KING HARNESS CO., No. 24 Church St., Owego, N.Y.

······ ESTIMATES GIVEN on com ete outfits, and plans submitted TANKS, PUMPS, PIPE. WINDMILL PHING STEEL AND WOODEN TOWERS CHAS. J. JAGER CO., ECLIPSE and FAIRBANKS.



BOSTON, APRIL 16, 1898.

Persons desiring a change in the address of their paper must state where many of the bodies will never be recov- else. With the discussion of war comes the paper has been sent as well as the ered until the summer sun melts the tons the natural query, what about the sinews new direction.

than on a free pass.

fail when they try to set a speckled hen.

It is reported that the milk trust in on the farmers.

THE article on our third page on marketing honey, contains many suggestions question, which was delayed so as to give greater than the amount in circulation at which may be applied to the marketing of Gen. Lee and the Americans an opportunithe date of the presidential nominations of for pleasure driving, but Secretary Wilgeneral farm produce.

setts legislature providing that the road radical, seems to offer a safe and effective is at high water mark and our circulation commissioners shall put all their time middle course. It is quite a lengthy doc- of gold coin is also greater to-day than at into the work looks very much like a slap ument giving the history of the revolu- any previous date in the history of our at that organization.

McBride for the best article on "How to methods used, detailing at considerable that \$28,244,860 has been gold. With state by the Harbor and Land Commisprepare and serve vegetables and fruits length the terrible condition of the unformoney thus plenty, the people are in sloners at an expense of \$4000, and the mitted to the committee on the Household from the rural districts and kept within measures than ever before, whether waste and unused lands and for preparing

THE milk situation in Boston is as unsatisfactory as ever and there is great satisfactory as ever and there is great complaint, especially on account of the complaint. amount of deduction for surplus. If the endured is the enforced pacification of the tion at that time—1862—was only \$10.96, ing to the suppression of tuberculosis amount of deduction for surplus. If the island, as under the present conditions, according to the Treasury Department among cattle, providing for the sale, British market for California canned small concession not to extend their milk the only way it can be terminated is by figures, while to-day it is \$23.69. trains any farther in the country the situation would gradually improve.

mit any very extended campaign this intervention are humanity, to stop the American is well satisfied to invest his

to be a minor feature in Massachusetts in order properly to enforce the neutrality promptly and patriotically met from the this year. The appropriations have been laws, we are compelled practically to keep exceptionally large sum of money now in steadily cut down year by year from on a war footing with a Power with circulation. \$300,000 to \$65,000 until this year the which we are at peace. The President committee on agriculture recommends believes that intervention is already a only \$65,000 to the \$20,000 already voted. fact, inasmuch as the United States has As the tuberculosis law remains about the been feeding Spanish subjects. same as last year, this small appropriation will not go far in paying for diseased cattle. It appears that the present legis- government, the President considers that new tariff law and see whether it is doing they kill them. lature does not want the cattle commission and a course would not be justified, and its duty, both in regard to supplying revsioners to do much this year. The present cites precedents which sustain his posi- enue sufficient to meet the running ex- ing in the statute which requires a post- suit for nearly \$2,500,000 against the elaborate cattle commission with this tion. Forcible annexation he character- penses of the government and its effect mortem examination before agreeing on United States in the United State small appropriation is like a fifty horse. Izes as criminal aggression. The loss of upon the great industries of manufacture its values or ascertaining the same by Supreme. power engine set to driving a corn sheller. the Maine in Havana harbor occupies and agriculture. Since the passage of appraisal. simple basis, as formerly, or it should President argues that this occurrence ground. During the months of February fore unnecessary to wait for the results teacher, and she has a home, with some

Ing of the season, held last Saturday, was tion all the differences which may arise tions, while the receipts from revenue diseased and has ordered to be killed." a fitting close to the series of meetings from that affair. held this year, and some fifty or sixty The President added a paragraph to the The following table shows the total relying principles, as well as giving the note to the State Department stating that practical details of the subject in such a the queen regent of Spain had commanded plain and direct way as to be helpful to General Blanco to proclaim an armistice even the most inexperienced. There will without conditions, that her majesty's be found much in it to stimulate thought. Government had granted liberal instituof his own business, but surely, as Mr. and its essential terms. of their pleasantest features.

of the many kindly words of commen- tion for our contemplated action." dation and encouragement that we have abused at times, we see no reason to Cuba. of farmers, and the meetings have fre- United States. quently been 'the means of bringing new speakers to the attention of the public, who have become recognized forces on gypsy moth has now passed both . ouses the platform. We are formulating plans of the Massachusetts legislature. This for our next season's series of meetings sum is in addition to the \$20,000 aire dy which promise to be as helpful as those in provided. And the moth killers may rethe past, if not more so. We cordially sume the campaign fully equipped with made by the Department of Agriculture invite the co-operation and presence of the sinews of war. "General" Forbush to widen the European market for this all those interested, and would thank of the moth brigade is in high spirits over farm product. It is believed that Gerevery one who has contributed to their this legislative indorsement of the camsuccess in the past.

CURRENT TOPICS.

A sad event in the race for wealth which is going on in Alaska was the ONE can travel farther on a good trade men working in relays, shovelling away tion of the country shows that the United Some men who can set a good example have been taken out alive, although se- the immense expense of a war with a buried under the snow and ice. The slide and defence. New York having got the consumers in covered the trail for several hundred The money in circulation in the United hand, is now preparing to put the screws yards at a depth of fifty feet in many States is to-day more than it has ever been

Congress to authorize him to take meas-

were present, in spite of the fact that message after it was completed to cover a ceipts of the government since the pasfarm duties were pressing. Mr. Stevens' new feature which had developed in the sage of the law, a period of eight months essay, which we give very nearly in full Cuban situation. On Easter Sunday, the the aggregate sum being some \$20,000,000 the Milk Producers' Union to secure fair a week to keep the sheep sheds clean and in price. It has been recognized for several in this issue, was a broad and compre- Spanish Government, through its minis- greater than that of the corresponding treatment for the milk producers of the the fodder cut up. She has been in the hensive one, dealing largely with under-ter at Washington, delivered an important eight months of the preceding year. One fact brought out in the essay we tions to the Island of Cuba which the wish to emphasize, that in order that the coming Cuban Parliament would develop. world may advance in a knowledge of It recalls the condolence and sympathy the science of agriculture and of the laws expressed by the queen regent and her of nature, each individual investigator Government at the disaster of the Maine, (such as every farmer and horticulturist and the horror this disaster had occashould be) should be willing to impart to sioned in Spanish hearts, and appeals to others such facts as he may have dis- the courtesy and sense of justice of the covered in his own experience. The United States Government to enlighten farmer has frequently been criticised be- public opinion upon the attitude of Spain. cause he has been willing to give so This document was the official notification

Stevens says, "the laws of nature should The President called this fact to the at-

THE bill appropriating \$180,000 for the

Washington News.

The one consuming topic here, as well, avalanche on the Dyea trail April 3, by probably, as everywhere else during the which a much larger number lost their week, has been war. Bankers, business lives than was at first supposed. It is men, travelling men, farmers-all have now believed that between fifty and one discussed the one uppermost theme, and hundred men and women were killed and to the exclusion, practically of everything of snow and ice which bury them from of war-money-for war is of course exsight. There are two or three thousand pensive. A glance at the financial condithe debris, and some of those killed have States has never before in its history been recovered and identified while others | been in such able condition to enter upon riously injured in many cases. It is esti_ foreign country, necessitating as it does mated that 10,000 tons of outfits are the expenditure of vast sums for offence

heretofore. The Treasury figures show The President's message on the Cuban as \$1,756,058,000. This is \$246,300,000 ity to get safely away from Havana, 1896. Right in the face of the war, when son believes that the most promising was transmitted to Congress on Monday property is supposed to shrink and field is among army officers, who take THE bill introduced into the Massachu- and while not satisfactory to the most money retire into hiding, our circulation special pride in the fine points of their tions that have convulsed the island, nation. During the mouth of March, dwelling on the horrible character of the according to the government figures, the A PRIZE of \$5 has been offered by Mrs. warfare practised, and the uncivilized total increase has been \$29,681,986 and of for the family," the articles to be sub- tunate Cubans who had been driven in better condition to supply money for war bill for the reclaiming and improving Art department at the Mechanics' Fair the bounds of the large towns, and outlining the efforts which the United States ernment. At the commencement of the were both reported favorably by the ways has made to relieve their distress. The civil war, the money in circulation was and means committee. President says the only hope of relief only about \$350,000,000, or one-fifth of

ures to secure the termination of hostili- It is thought by many that a popular As the bill now stands the Massachu- ties in Cuba and to secure establishment loan would be eagerly accepted and subsetts cattle commission will get \$65,000 of a stable government there and to use scribed by the people, bonds to be issued in addition to the \$20,000 previously set the military and naval forces of the United in small figures. Government bonds, state farm was favorably reported in the aside for their use. The law enforced last States as may be necessary for those purdrawing a low rate of interest are now house. year will be practically unchanged in its poses. He also asks for an appropriation selling far above their face value, even general operation, but Chairman Peters to aid the suffering in the island. The though running for a comparatively short considers the sum voted too small to per- grounds given by the President for armed term of years, showing that the average barbarous and inhuman conflict; self- earnings in government securities, and it interest, our citizens being injured and is thought that a call upon the country for the provisions of the law of 1895. THE tuberculosis campaign is evidently their property destroyed, and the fact that funds with which to meet war would be

In regard to a recognition of the Cuban government revenue as relating to the when they condemn the cattle and before country are reported as fairly steady, were gratifying.

August.	1	8	9	7			9	0	0		,		0			0				0					ŧ	1	19	1,0	05	23	1,1	8	1
Septemb	er				۰	۰									0				۰							. 2	B		9:	33	3.1	U!	91
OCLOODED.					۰		۰			4	0		0			w	٠				9.4			ь, я				194	(P. I	C. A	. 9'	ж,	ж.
Novemb	er														. 1			 		 						2	ō	.1	12	38	.1	91	ы
Decembe	er											 							*				. ,			2	17	.1	93	31	100	61	þ.
January	. 1	8	S	H	3							0						۰	۰		0.1	,				. 2	16		71	95	١,	2	2
Februar	V.										۰	0 1		۰			۰								, ,	5	8	1	57	72	1	5	31
March												 								 . ,						5	18	í,	31	17	1	21	٥í
																												^			^		

kinds. A statement from the Treasury parisons of January exports and imports year gives some idea of the practical op- ence between the producers and contracerations of the new law. During the month, the importation of live animals however, been set. The directors are freely of his own knowledge to help his of the Spanish Government to the United and articles of food was cut down \$3,200,- making a brave and decided stand in this brother farmers, seemingly to the injury States of the granting of an armistice, 000 as compared to the January of the matter and in order that their efforts may be secrets to none," and he who adds to tention of Congress and left the issue with law amounted to \$10,978 against \$21,364 port. the world's knowledge along this line is them, expressing himself as prepared to in January, 1897, under the old law. The a benefactor. The helpfulness and execute every obligation imposed upon exportations of horses, however, in Janhearty good will which is always manihim by the constitution and the law In uary last amounted to \$562,140 against macy and compaign plans the manœuvres may be under the law In day and doing a larger business than ever. fested at the Plough Man meetings is one regard to the armistice, the President \$338,295 in January, 1897. The sheep of the Milk Producers' Association show says:-"If this measure attains a success- importations in January, 1898 were a promising bit of diplomacy. In seeking ful result, than our aspirations as a Chris- \$19,265 against \$32,319 in January, 1897. to refer the surplus milk dispute to the Just at this time, it seems to us fitting tian, peace-loving people will be realized. The importations of barley in January last state board of arbitration, the managers that we should express our appreciation If it fails, it will be only another justifica- were only 16,030 bushels against 161,625 of the association have started out on an The President's message was received meal in Jan., '98, were only 3,470 pounds who will carry the surplus, producer or regard, especially, to these meetings. It by Congress and referred in each branch against 58,322 pourds in January, 1897, contractor. If the board should decide is a pleasure to feel that we are helping to the committee on foreign relations. while the exports of oatmeal increased that the contractors must pay full price in this way to spread a broader knowledge Action on the Cuban matter was delayed from 3,777,788 pounds in January, 1897, for surplus milk the said contractors of the principles and methods of agri- until after General Lee had reached Wash- to 7,149,302 pounds in January, 1898. In would promptly see new light in regard culture, and to put the occupation of the ington, so that more direct information chicory, the imports fell off from nearly to extension of milk collecting routes. farmer on the high plane where it might be obtained on the subject. On a million pounds in January, 1897, to They would not be so anxious to get more belongs. The subjects of the meetings Wednesday, the committee on foreign rehave been carefully chosen, the best lations in both senate and house reported of hay were 9,934 tons in January, 1897, it at better prices. speakers possible procured and the dis- resolution calling for immediate interven. and only 86 tons during last January. cussion been entirely unrestricted. They tion by the United States and authorizing And so on down the line with almost have always been free and open to all the use of the naval and military forces all agricultural products; the importahave always been free and open to all the use of the laval and mintary to be and although that privilege has been to secure peace and the independence of the new law have been mark-more about the currency question than the amount is to be somewhat reduced, the more about the currency question than the amount is to be somewhat reduced, the more about the currency question than the amount is to be somewhat reduced, the more about the currency question than the more about the currency quest edly less than they were under the old they do about corn culture. change our attitude. It is a distinctive A minority report called for the law, while in many cases the exportafeature of the meetings that the speakers recognition of the Cuban republic, tions of farm products have greatly inhave, almost without exception, been although General Lee has said that such creased in 1898 over those of 1897. The practical farmers speaking to an audience a course would greatly embarrass the total January exportations of the products of agriculture amounted to \$79,-

AMERICAN HORSES.

045,101, which is an increase of \$12,000,-

000 over the exportations of January,

Speaking of the exportations of American horses, special efforts are now being many and Belgium afford the best present market for horses, but the horses re-

quired are high bred. Excellent prices, however, will result. The export trade to Europe has very largely increased within the last year or two and the out- felt in Bohemia. look is most promising, as European army officers are finding that American horses prove superior to all others in wind, limb and other desirable riding qualities, and the consequence is that they bring fancy prices. In our best horse raising states, the combination of pasturage and winter feed enable our breeders to keep their animals growing under the most satisfactory conditions the Russians and Chinese at Kin-Chou, near year around, so that we can successfully Ta-Lien-Wan. compete with the rest of the world in the matter of breeding good stock. Foreign- United States and British sailors thrashed ers are finding this out. Last year 1,400 Russians, Germans and French. horses were entered at Hamburg from a single Pennsylvania exporting firm, on have congratulated Sir Herbert Kitchener which the transportation charges were on his latest victory over the dervishes. over \$50,000, so it can be seen that good prices were realized to warrant such a payment. The Germans and Belgians are using American horses more and more for drayage and breweries and even

GUY E. MITCHELL.

Beacon Hill Notes.

The resolve for a forest survey of the

The committee on agriculture reported under proper restrictions, of the meat of fruits. condemned cattle which prove to be only slightly affected with the disease.

The senate has substituted a wide tire bill for an adverse committee report. The appropriation for \$23,000 for the

The attorney-general has rendered a adopted by the cattle commissioners in loss, or without profit. compensating the owners of cattle con-

The question is whether the law requires the commissioners, or their agents | New England Federation of Weavers to kill cattle and make a postmortem examination of them, to determine the extent to which they are afflicted, before agree-While discussing the question of ing with the owner as to their value, or finances with which to meet war demands whether they are authorized by law to get out safely in the spring. it may be well to look at the question of agree with the owner as to their value

The attorney-general says there is noth-

Either the commision should be put on a considerable space in the message and the law, it has been steadily gaining He sums up as follows: "It is therehave money enough to carry out the law as it was intended.

Testacut agass that this occurred ground. During the months of Petatary of an autopsy before agreeing, or ascertaining by appraisal, for the purpose of cultivate, but which she wished to turn to disavowed any connection with that dis- enue to more than meet the expenses of payment, upon the value of an animal account. She spent 825, paying 83 a head the government, under ordinary condi- which the commission has adjudged to be

The Milk Question.

state. The large majority vote of the business about five years. The first year stations, that most of our New England soils Union, leaving the settlement of the she came out \$40 ahead of her experiment, are quite deficient in potash, and therefore that whole matter in the hands of the direc- At the end of the fourth year she had a commercial fertilizers or mixtures of agriculfelt in their abilities. To define exactly with her pasturage, and in wool and mut- excess. This explains why it is that the Bowwhat rights may be had through the ton she found she had a clear yearly in- ker Fertilizer Company is for the sixth year But the thing of most interest to far- courts, able legal counsel has been en- come of \$450. mers in connection with the new law is gaged to look up the questions at issue at its effect upon the importation and ex- once and also secure rates from all staportation of farm products of various tions so that milk could be sold in can lots by the producers in the Boston mar-Department just issued showing the com- ket. Mr. Bowker's interview with Gov. Wolcott has led to the Board of Arbitrawith those of January of the preceding tion consenting to arbitrate on the differtors. The date for the hearing has not,

preceding year. The importations of be crowned with success, the members of horses in January, 1898, under the new the Union should be united in their sup-

HERE in these days of warlike diplobushels in Jan., '97. The imports of oat- entirely new line. The whole question is

Much in Little

Is especially true of Hood's Pills, for no medicine ever contained so great curative power in

ways efficient, always sat-isfactory; prevent a cold The only Pills to take with Hood's Se World Over.

-A severe earthquake shock has been

-China proposes to open her interior waters to steam navigation. -There are indications of a truce on

the Manitoba school question. -The British ship Ravenscrag has

-A slight conflict took place between

reached Callao, after being given up as

-At a street fight in Hong Kong

-Queen Victoria and Emperor William

-A messenger from the ice-bound fleet of whalers near Point Barrow, Alaska, has brought a report of the great peril of the men imprisoned there and of his six months' journey overland.

Read and Run.

-One thousand operatives at Fitchburg have struck.

-The Government report gives winter grain a high average.

-Americans may invest millions in the iron ore fields of Venezeula.

11-The Maine guides have banded together to prevent poaching.

-The operatives have returned to the York cotton cloth mills at Saco, Me. -Twenty-two cotton cloth mills at

New Bedford were opened Monday. -Two thousand miners in Massillon.

-Many Harvard students have taken up military drill at Cambridge, in the regular class.

-Two survivors of the crew of the ship several days adrift.

-New York wheat traders suspect that

-A knitting mill consolidation in New

demned as tuberculous and killed under York is probable; the capital of the syndicate to be \$20,000,000. -The first annual convention of the

opened at Lowell, Monday. -The whaling vessels now imprisoned

in the ice at Point Barrow are expected to -The manufacturing interests of the

considering international conditions. -New York Indians have won an old

-A woman in Virginia is making money by raising sheep. She is a school for ewes, and then turned her flock into her pasture land. She raised what she could care for on her land, selling the the rest as soon as they were of market- Progress in the Fertilizer Trade is very able age. She gave only about one hour marked. The best concerns are putting out Vigorous methods are being adopted by a day to them, and paid a boy fifty cents goods of higher grade than ever, at no increase tors, was good evidence of the confidence flock of sixty ewes, all she could keep tural chemicals should contain this element to

Country Real Estate.

The Keene farm in East Bridgewater Bowker Company, in the face of the extraordhas been sold to Frederick F. White. The inary competition in the fertilizer trade, to its

price paid was \$5500. H. A. Olmstead of Bolton has sold his twenty-one acre fruit, asparagus and poul- Company's uninterrupted success is due as try farm in the town to Silas W. Davis of much to its determination to give the utmost Fitchburg.

thirty-nine-acre fruit and stock farm in Treasurer Coe. The Bowker name appears that town to Julia A. Tarbox of Salem, upon every brand it puts out, and this brand N. H.

Josiah L Moore of Northboro has sold his 114-acre stock and fruit farm in North-Bowker has built up one of the largest fertilizer boro to a buyer whose name is withheld. 000, and the concern is in stronger shape to-

Among the recent sales of interest in Essex County are those of the Dudley Bradstreet farm and the Jordan farm prop- Do you need some? Florists, market gardenerties in Topsfield, to Thomas E. Proctor ers and all farmers and others who raise early of Boston. These estates are situated vegetables and flowers will find all they need near the town line of Hamilton, and em- in this line at E. W. Bailey & Co's., 24 Kneeland brace about two hundred acres of tillage street. Get their prices and give them a trial or.

sion in the line of good roads, and the until you get the latest 1898 models. Among lead is apparently to be maintained. The the best medium priced wheels on the market appropriation in 1894 was \$300,000 which is the New Mail, which has full sustained its was vastly more than any other state de- high reputation and comes out, its 17th season, A TRIP in the western states gives the voted to the purpose. In 1897 the large with the latest improvements. See the anamount of \$800,000 was voted. This year ington street, on 8th page. They have been esbut it is still in the lead of many other tion is behind this wheel. states. An appropriation of \$600,000 is reported of which \$400,000 is to be spent in 1893. But the whole amount may be contracted for this year, although the other \$200,000 will not be paid until next vear. Massachusetts is the pioneer in di-rect state road building and no division

any case of Catarrh that cannot be cured by Hall's Catarrh Cure.

F. J. CHENEY & CO, Toledo, O. rect state road building and no division mass of the people. The roads are made perfectly honorable in all business transaction in a thorough, substantial manner and and financially able to carry out any obligation made by their firm. the difference is quickly noted when a WEST & TRUAX, Wholesale Druggists, traveler meets a strip of road done by the Walding, Kinnan & Marvin, Wholesale state contractors. At the rate of recent appropriations, all the important places will before many years have state road connections.

At the rate of recent Druggists, Toledo, O. Hall's Catarrh Cure is taken internally, acting directly upon the blood and mucous surfaces of the system. Testimonials sent free. Price 75c. per bottle. Sold by all Druggists.

THE CUT HERE SHOWN is that of o steel except the shafts. This con



decision on the method of procedure Letter of Chicago is selling wheat at a Woodside Poultry and Fruit Farms

BU-INESS:

and

BIRDS.

BUFF and WHITE Plymouth Rocks, Wyandottes. Leghorns.

FERTILE EGGS WELL PACKED.

\$2, per 15;-\$5, per 50.

Grand Stock for Sa'e-all times. All Orders promptly filled.

STRAWBERRIES | Clyde, | Haverland, | Brandywine BLACKBERRIES Agawam.

S3 per 100. Soyder.

CURRANTS Cherry.

S3 per 100 Fays Prolific PEACH TREES JAPAN PLUMS

BERRIES.

ABEL F. STEVENS & CO., Wellesley, Mass.



A "Peace Measure putting ten per cent of actual potash into its standard potato and vegetable manure, while its regular brand of seeding-down manure also contains ten per cent of potash. We attribute in large measure the increasing success of the constant effort to make Bowker's Stockbridge special manures among the highest and strongest, especially in potash. In fact, the Bowker value for the money, as to the able manage-Edward F. Green of Berlin has sold his ment of the business by President Bowker and

Corn Planter and Fertilizer Distributer Plants field or ensilage Corn, Peas, Engar Beets or Stock Beets in him alone has come to be recognized as a guarantee

The Belcher & Taylor A. T. Co.

Box 117 Chicopee Falls, Mat

Market Gardeners Recom Matthews & New Universal Mod
• Seeding and Cultivating imple A dozen styles. THE THE AMEST Chilled Centennial Swive

How's This!

nouncement of Wm Read and Sons. 107 Wash-

of quality. From humble beginnings, Mr.

Hot Bed Sash.

MASSACHUSETTS still leads the proces- on the brain? If so, you will not be satisfied

We offer One Hundred Dollurs reward fo

of state activity is more popular with the Cheney for the last 15 years, and believe him

HERMES S. HEYWOOD, Purchasing Agent.

21 Milk St., Boston, Mass. Estimates Furnished on Merchandise of Every Description.

Help--FARMERS--Help

Agricultural, Herticultural, Stock Farm Helting Married Couple's Furnished at short notice. Eccilent list of experienced help of all mational ties constantly on havd.

FARMERS & COACHMAN'S REGISTEY. 6/4 Dock Sq., Boston, Mass.

Cattle Sales. MARKETS. S. F Atwood rold 3 slim oxen of 1200 2½c. J A Hathaway sold 15 steers av 1 at 5½c, 10 do av; 1525 lbs at 5½c, 20 1500 lbs at 5½c 20 do av; 1510 lbs at 5c, av; 1480 lb4 at 4½c 30 do av; 1475 lbs at 30 do av; 1450 lb at 4½c. BOSTON LIVE STOCK MARKET. Maine Cattle, Beef and Store Eastern train had on 57 beef cattle, 154 co 48. 16 hops and 399 calves. The oxe beef were not received as if butchers were eving for them. They were slow of sale an offered did not meet with vie as of dealers fore they held on to them and rather expose for sale on Wednesday than to sell under Thompson and Hanson O W Rolfe, E Robland Thempson did not effect sale at earliket O W Rolfe in wever sold one bull a ling at \$19.50 the head, 2 store heifers for at \$35 the pair. Cattle a shade lower.-Sheep steady.-Hogs hast week-Veal calves 1-4c higher.-Milch cows sell slowly, -Horse market heavy in supply and values a trifle lower. Reported for Mass. Ploughman Week ending April 13, 1898. Amount of Stock at Market. Cattle. Sheep. Shotes. Hogs. Veals week, 5,002 8,272 295 20,383 1,884 eedk, 4,762 12,214 87 23,680 1,816 rear ago, 5,934 10,968 289 26,169 2,098 Butchers in absence of northern for the three months will have to resort to weste their supply. The lamb season commences the middle of July, and only a few flocks the north will be marketed until then. 8000 head of western received the sheep lamb at 6c fb. W F Wallace sold 18 sheep the at 334 c; 61 lambs of 438 b fbs at 53 spring lambs at 10c fb; H N Jenne sold 76 lamb at 5½c Horses.... 660 SATTLE AND SHEEP FROM SEVERAL STATES Cattle. Sheep aine 211 New York 13 Hampshire 102 160 Rhode Island Armout 123 13 Western 3.811 8,082 4,53chusetts237 17 Canada 505 The calves or nearly all the calves over eastern were forestalled, all bought up at than they were worth say the dealers, all could do was to accept the advance. The bought up on the way to the market sma good sized at 6c. Upon arrival at yard butchers who usually buy were left without usual number, with hard thoughts toward usual dealers. "ifferent lot at 6c and near head. P A Berry stood out and sold his at to his usual man at 5% c av 115 bs. Total......5,002 8,272 ATTLE AND SHEEP BY BAILROADS, ETC. Cattle. Sheep Cattle, Sheep. Values on Northern Cattle, etc. Seef.—Per hundred pounds on total weight of detailed and meat, extra, \$5.25 \(\frac{1}{26} \) 50; first willty, \$4.75 \(\frac{1}{26} \) 60; second quality, \$4.25 \(\frac{2}{26} \) 50; first of quality, \$4.75 \(\frac{1}{26} \) 400; a few choice single rs, \$6.00 \(\frac{2}{26} \) 50; some of the poorest, bulls, or much according to the control of the poorest Cows and Young Calves.—Fair quality, \$20@ 8; extra, \$40@48; fancy milch cows, \$50@60; grow and dry, \$12@22. One large full car load arrived from th together with a little from the north. stores.—Thin young cattle for farmers: year-lngs, \$8&16; two-year-olds, \$12&22; three-yearsheep.—Per pound, live weight, 2½@3c;extra, & a5c; sheep and lambs per head, in lots 2.50 g85 50; lambs, 4% @6c. Boston & Albany Vards, Brighto WESTERN BEEVES. Veal Calves .- 3 ads P th. tiides.—Brighton, 7@7% c Ptb; country lots Brighton, Tuesday and Wednesda Calf skins. -80c@\$140. Dalry Skins, 30@ April 12 and Ninety car loads of western cattle have a here within the week for export and home the business at the yards in beef cattle was solven. The western at 4½ @bc. L. W. as to go weights 1450 @1500 fbs. Eastern cattle slowly butchers not buying to any extent. **CATTLE.SHEEP. HOGS.VEALS.HORSES** Watertown, 3.139 8.047 9.412 1236 600 erighton... 1,863 225 10,071 648 60 Export cattle come in freely from the wes with 500 odd head from Canada. They are moved rapidly aboard the English steamers. Home cattle trade not extravagent still there is about the usual number sent for slaughter, the western dispress of sheep are noticed some western elipped of their wood which makes a difference of ½c ft. Separate from the export a fair supply for home slaughter. Hogs in demand at steady prices 3½ a4¼ c L. W for western delivered here a general acceptance of a lowethern at 4½ a5c D. W. Calf market in a go of condition at 4½ a5c D. W. Calf market in a go of condition at 4½ acadvance. The eastern all brought up on the way to market at 6c ft. Horse market fair, for milch cows the market in a moderate way. Late Arrivals and Sales. 1325 lbs at 2½ 43½ 5. Store Pigs.—Near 300 head market at \$2.50. Shotes \$3@\$5.50. Cattle, Sheep, Cattle. Sheep Canada At Watertown J A Hatha-Miscellaneous. At Brighton Hides.-Brighton, 7@71/2 P lb; count J S P Jone 4 10 P A Berry ... 10 Libby Bros ... 20 Trask & Steve s 21 E D Dob e 13 M D Holt 21 s P Jones J Gould Tallow .- Brighton, Sc P lb; country lot Caif Skins.-60@\$1.40. Dairy Skins.-30@55c. 12 Pelts.-0e@\$1.10. on & 4.1 At Brighton J S Henry 63 Boston Provision Market Fellows.... 23 0 W Roife 19 E Robiuson 12 Z H Th mas 8 The pork market continues quiet, with teady. Hams are quiet, with lard steady. Fork, long and short cuts \$\psi\$ bbl, \$13.56 Pork, light and heavy backs, \$12 \(\alpha\) 13.50 Pork, lean ends, \$\psi\$ bbl, \$23. Tongues, beef \$\psi\$ bbl, \$23. Tongues, pork, \$\psi\$ bbl, \$23. Tongues, pork, \$\psi\$ bbl, \$15. Beef, pickled, \$\psi\$ bbl, \$10.50 \alpha 11.50 Shoulders, corned and fresh, \$\psi\$ tb 75. Shoulders, smoked, \$\psi\$ tb 7½c. Hams \$\psi\$ lb, 8½ \alpha \alpha c. Bacon, \$\psi\$ lb 8½c. Pork, loose, \$\psi\$ lb 8½c. Briskets, \$\psi\$ lb 8½c. Shusages, \$\psi\$ lb 8½c. Sausages, \$\psi\$ lb 8½c. Pork, long and short cuts P New York. At Watertown Wood... 27 76 D Fisher WF Wallace 55 84 Vermont. At Brighton At Brighton. Western 1344 F W Dyer & Co. S S Learned. 80 Sturtevant & Haley... 18 Kins, fresh, \$p\$ in 57\gc. Sausages, \$p\$ in 7\gc. Sausage meat \$p\$ in 6\gc. Leas sausage meat, \$p\$ in 7c. Lead, in tierces, \$p\$ in 6\gc. Lard, in pails, \$p\$ in 6\gc. ard, W Ricker & others.... ... 35 Savage ... 16 H. N. Jeane 3 M. L. Hutchins 22 F. S. Atwood 12 12 Western 1918 6525 J A Hatha-way 205 1087 ----Boston Produce Market. Wholesale Prices. Williamson 8 125 Poultry. Maine. At Brighton. P A Berry Libby Bros... Trask & St. vens E D Doble M D Holt... A A Pond 40 G H Sprigg 35 & Co WRicker 50 & & others. 130 450 Britton & Gavage 15 40 A Pond 41 G H Sprigg WRicker 52 & Co Britton & Cavage 15 40 A Receipts are moderate, but the supply shilled lowis is more than ample for the dand the market is lower again and weal decline. Hardly any sales have been over 0c. Fresh turkeys and chickens over 0c. 12 Britton & over 18. Fresh turkeys and chickens at the series of the se 125 Massachusetts. 5 At Watertown. 7 15 J.S. Henry...... 46 3 12 W.Bardwell.... 11 Fresh Killed. Northern and Eastern— Chickens choice large, P ib Chickens, common to good. Fowls, extra choice. New Hampshire. At Watertown. TJ (ourser 16 6 F Farwel 40 Breck & 6 40 New York. At Watertown. D Fisher 21 35 Stags Stags Old cocks Western frozen-For the better grade of state cattle the English calket is stronger and firm, but for other grades weakn as exists; Quotations at a wider range. I tondon 994 @10 ½c sinking the off 41, and at vertuced like the price. The receipts are fair this hipments from Boston for the week 3060 dille, 2463 sheep and 130 horses. Shipments and Destinations - On steamer Normalian for Glasgow 250 cattle by Doud & Keefand 19 horses. On steamer Philadelphian for tempool 626 cattle, 22 horses. On steamer diminism for London 390 cattle by E Morris, 201 do by Swift Beef Co, 89 horses. On steamer diminism for London 390 cattle by E Morris, 201 by J. A. Hathaway, 487 sheep by latter and Live Poultry.

Trade is limited, with the demand yet of a hand to mouth character Choice hay is not plenty and the market holds firm for such. The weak ness on lower grade and medium hay continues, and such cleans up slow. Rye straw is quiet, with the market unchanged.

Hay, prime, large bales.....

Hay, No. 1, P ton

Horse Business.

h increased arrivals and bad weather there many forced sales at a decline of \$10 a. The state of the weather has mu h to deales of horses, which must be shown in to sell. At Snow's combination sale stable by decent sale and 7 car loads arrived, varianced and account of the sales of the sales and the sales of the sal

and of trotters for next Thursday. At I. Hokway's sale stable had 8 car loads. Wednessy's sale was a good one at \$60@\$162 a head; ad pairs of drivers at \$375. At A W Davis thampton 8t. sale stable had a good sale of Thont and Maine road horses for \$375@\$3.50 condite macers and vrotters at \$315@\$175. E Ham & Co sa e stable fair demand at steady loss.

Union Yards, Watertown.

Over three thousand head of cattle yarded in cluding western and/northern. The stock trains arrived early and the disposals either for export or city slaughter were soon effected. We week as far as western were concerned, The northern were alow of sale at weak prices. 505 head of Canadian we report this week.

Tuesday, April 12, 1898.

Щ

9"

200

ter

00.

end

low.

CO.

RH.

10D,

ass.

elp

_	MASS	SACHUSETTS PLOUGE	IMAI
8	Cattle Sales. S. F Atwood sold 3 slim oxen of 1200 lbs at 2½c. J A Hathaway sold 15 steers av 15t0lbs at 5½c, 20 do av; 1525 lbs at 5½c, 20 do av; 1500 lbs at 5½c. 20 do av; 1510 lbs at 5c. 25 do av; 1480 lb4 at 4½c 30 do av; 1475 lbs at 4½c, 30 do av; 1450 lb at 4½c. Maine Cattle. Beef and Store	Dairy N. Y. and Vt. seconds	Straw pr Straw, oa Straw, ta
t	Eastern train had on 57 beef cattle, 154 milch cows. 16 hops and 399 calves. The oxen for beef were not received as if butchers were hankering for them. They were slow of sale and bids offered did not meet with vie as of dealers therefore they held on to them and rather expose them for sale on Wednesday than to sell under price. Thompson and Hanson O W Molfe, E Robinsonand Thompson did not effect sale at early market. O W Rolfe h wever sold one bull a yearling at \$19.50 the head, 2 store helfers for store at \$35 the pair.	Boxes Extra northern creamery 22.8 Extra western creamery 4.21½ Extra dairy 4.9€20 Common to good 16a18 Trunk butter in ¼ or ¼ is prints Extra northern creamery 22.8.22½ Extranorthern dairy 19.6.20 Common to good 16a18 Extra western creamery 21.8.21½ Cheese.	Flour- prices que Spring ; Spring ; Winter, Winter Oat Me for groun Corn M
4 6 8	Sheep Houses. Butchers in absence of northern for the next three months will have to resort to western for their supply. The lamb season commences about the middle of July, and only a few flocks from the north will be marketed until then. Over 8000 head of western received the sheep at 5c, lamb at 6c fb. W. F. Wallace sold 18 sheep 1660 fbs at 34c; 61 lambs of 483 bs at 54c; 5 spring lambs at 10c fb; H. N. Jenne sold 76 fbs lamb at 54c.	Trade is still very quiet, and the small sales made are generally at easy prices. There is no change to make in quotations. Best northern range from 8@8½ with common to good graves plenty and duit at 5@7½c. Western twins and O. lo flats moving very slowly. Liverpool quot. white 37s. New York, small, extra # h	bag, and 2 25 \$\psi\$ bl Grahar the marks Rye \$F1 3 50 \$\psi\$ bl Rye.—7 Corn.— No 2 ye
p 2 -2	Veal Calves. The calves or nearly all the calves over the eastern were forestalled, all bought up at more than they were were	Liverpool quot. white 37s.	Steame No. 2 a No. 2 y No. 3 y Oats.— Clipped No. 2 cl No. 3 cl Rejecte
P	could do was to accept the advance. They were bought up on the way to the market small and good sized at 6c. Upon arrival at yards the butchers who usually buy were left without their usual number, with hard thoughts towards their usual dealers. Different lot at 6c and nearly 400 head. P A Berry stood out and sold his at yards to his usual man at 5% c av 116 bs. Milch Cows and Springers.	Receipts are liberal and trade is rather quiet but prices are held unchanged. Selected north-rn Ohlo and Indiana hold steady at 104c Other western in good supply at 10@104c as to grade Eastern, if strictly extra, bring 11c in a smail way. Duck eggs quiet at about 18&20c. Nearby and Cape fancy # doz	Clipped Millfee steady to Middlin Bran, s Bran, w Red Do Mixed
of st	Busin as not very alarming, we called the trade slow and prices not at all firm. Thompson and Hamson sold the pick of 2 car loads in all 10 head at \$43 a head Libby Bros. sold is cows at \$45 a head; 10 cows at \$35 \(\tilde{a} \) 40. J S Henry sold various cows from \$28 \(\tilde{a} \) 55 including all grades. Fat Hogs.	Rastern fair to good	Cottons Malt dull. State g State, 2 Wester Barley 50@53c. No. 2 2-r
8, 0	Steady prices exist on western as has been the case for a number of weeks. Cost laid down here at 3% 44% c LW. Country lots at 4% 25c as sold dressed weight. Live Poultry. One large full car load arrived from the west	took Hebrons steady at quotations.	The ma
1 82 1	bosether with a little from the north. Price 9c lb. Boston & Albany Yards, Brighton. WESTERN BEEVES. PRICES ID CWT. ON THE LIVE WEIGHT.	Mich. Rurals & Green Mts. extra	Market steak, 4 white, 14 10c; blu @3c; has 2½c; sst \$2 42 50 nom: roe trout, 96
9	Extra	Small sales of N. C. crates at about \$2.50. North Carolina, bbl. crts	standard fords. fr 6 50; p per bush 12e; clan
R 000	The business at the yards in beef cattle was very slow. The western at 4½ @5c L W as to quality of weights 145t@1500 hs. Eastern cattle sold slowly, butchers not buying to any extent, market off ½c: W. Mills sold 0 beef cows of 950 lbs at \$19 a head, beef cows from Massachusetts at 2 ½ 3c, weighing from 950@1200 lbs. H. A. Gilmore sold beef cows within this range	strictly choice large grass brings full quotations. Good Florida cabbages steady at \$1.50. The market for domestic onlons is dull and unchanged with only occasional lots good enough to bring full quotations. Bermuda onlons in rull supply and easier. Charleston peas more plenty and slow at \$1.50. Good fresh string beans are in light supply and steady demand, but there are pienty of ordinary green at about \$1.50@2.00 Good to choice tomatoes selling fairly a \$2.50@ 3.00. Turnips dull and weak.	Cable : rane from ain give creased : make. downwa there is a tions, wi
ad de at	could be improved, the better class sold fairly up to owners prices, but the common grades sold	Asparagus. Charleston P doz. 2 00@4 50 Beets P bu 40@50 Cabbages, native P bb 50@75 Cabbages, Florida, P bbl crate @1 50 Celery P 3 doz box 4 00@50 Carrots P bu 60@75	Cheese ity. Bu only for and Can
e gs or of a all se d-	F L Howe sold 4 beef cows of 1000 has at 234.c. R Connors 2 chiece cows at \$55 each. Thompson & Hanson 7 cows, the selections at \$45 each. Common cows \$30@\$35 MD Holt sold 7 cows\$30@\$50 J S P Jones 8 oxen 11560 hs at 4½c B Libby 7 oxen 1500 hs at 4½c Smith sold 2 oxen 3370 hs at 4½c J. S Henry sold 20 cows at \$35@50. W F Wallace 20 cows \$35@\$55. O H Forbush 7 cov s \$50@\$1325 hs at 2½@33½.	Choice native large bbl.	
9	Miscellaneous. Hides.—Brighton, 7@7½c Plb; country lots 6½@7c. Tallow.—Brighton, 3c Plb; country lots 1½c. Caif Skins.—60@\$1.40. Dairy Skins.—30@55c. Pelts.—0c@\$1.10. G. J. FOX.	Spinach, Norioik, & bol	
2 6	Boston Provision Market. The pork market continues quiet, with prices steady. Hams are quiet, with lard steady. Pork, long and short cuts \$\psi\$ bbl, \$13 50. Pork, light and heavy backs, \$12 \(\pi \) 13 50 Pork, lean ends, \$\psi\$ bbl, \$15 50 Tongues, beef \$\psi\$ bbl, \$15. Beef, pickled, \$\psi\$ bbl, \$17. Beef, pickled, \$	Domestic Green Fruit. The apple market is unchanged. Receipts are moderate and choice fruit is in good fair demand at the why prices. Buldwins sell for the most rest.	O Mi
87	Boston Produce Market. Wholesale Prices.	Tallow. Rough, ₱ 15	Many displaye St., Bos venient
15 4 8 0 0 4 2	Receipts are moderate, but the supply of fresh killed fowls is more than ample for the demand, and the market is lower again and weak at the decline. Hardly any sales have been made at over 9c. Fresh turkeys and chickens dull and easy. Frozen poultry is having only a moderate sale. No change in prices.	Bulls 6%	plainly exquisit others h folds as a beauti style. T
166033	Pigeons, tame P doz	Shearlings each 10@15	trimmed which m The ent elegant colored
5	Chickens, choice, soft B 12 @13 Stags 8@9 Fowls, P b 9 Old cocks 7 Western frozen 12 @13 Turkeys, choice 12 @13 Turkeys, common to good 10 @11	Streen peas, Scotch	They suit, wait desired to very read one desired
h s tro	Chickens, choice P ib 6a9 Chickens, choice P ib 11@ Chickens, common to good P ib 8@10 Live Poultry. Demand is slack and the market has an easier tendency Fowls P ib 8@10	The crop is nearly all in and is cleaning up slowly at quotations. Sugar, small cakes, choice p lb. 9 @10 Sugar con to good 6 @8 Sugar large cakes. 7 @9 Sugar, tubs and palls. 5 α 6 Syrup, choice heavy p gal can 6 $\overline{6}$ @70 Syrup, light weight can 50 @60	Did y pany's a not, turn You can tation for Their pr
r	Chickens P 10 64.7	. Grass Seeds. Trade quiet with prices steady. Timothy, \$\P\$ bu	more firm clothing worth to their own whole st put into a their sale prices an
0	Butter. Receipts so far have been considerably lighter than last week, but the demand is light and as the market did not clean up as well as was expected last week the feeling is easier, prices rul-	light and best marrow pes have a very slow sale at \$1.10. Extra yellow eyes quiet at \$1.25 \(\alpha \). 30 (Choice red kidneys bring \$1.70 \(\alpha \). 10 in a small way. Pea, N.Y. & Vt. small H. P.	In ord (ream I and (old trial size
1	and some sales of large ash tubs are reported at 20½c. Firsts and seconds are also easier and quiet at the decline. Imitation creamery and ladie goods still in limited supply. Note.—Assorted sizes quoted below include 20, 30, 60 ib tubs only.	Mediums. screened	ELY E

Flour and Grain. The market continues quiet, with oted steady patents, \$5.25@5 75 , clear and straight, \$4 25@5.15 r, clear and straight, \$4 50@5 .15 r patents, \$5 10@5 40. r patents, 35 10g6 av. leal.—Quoted quiet, \$3 75@4 15 p bbl and rolled, and \$4 15@4 55 for cut exercise correct judgment in the suc-Meal.—The market is firm at 72@74c P i \$1 65@1 70 P bbl; granulated, \$2 10@ bl; bolted \$2 10@2 25. am Flour.—Trade continues quiet, with ket quoted at \$3 00@5 00\$ bbl. lour.—The market is quoted at \$2 25@ The market continues quiet at 56@58c. -Demand is quiet with market steady. —Demand is quiet with mai yeilow, spot, 38% c. eer yellow, spot, 38% c. and steamer spot, 37% c. yellow to ship, 38% c. yellow to ship, 38% c. —Quiet but firm. d. fancy, spot, 36% @360. clipped, spot, 35c. clipped, spot, 36c. clipped, spot, 34% c. ted white, spot, 33% @34c. d, to ship, 34% @34% c. ced.—Trade continues quiet, with prices to ship.
lings, sacked, \$13.75@\$14.00
spring, \$13.75@\$14.75
winter, \$15.00@14.00
log, \$16.25@16.75
lfeed, \$15.50@19.00.
nseed meal, \$22.00. -The market is steady with trade ruling grades, 6-rowed, 58@60c. 2 rowed, 53c. ern grades, 53@55c. Fresh and Shell Fish. market continues quiet, with prices steady I and haddock. Oysters in light supply rs in moderate supply, with clams firm. t cod. per lb. 2@24c; large, 3@34c; 4@44c; haddock. 244@23c; c halibut, 14c; gray, 10g12c; Oregon salmon. 9@10uefish, 7@8c; cusk, 2@24c; steak, 2½ ake, 2½ @3c. small. 1½ @2c; pollock. 2@18teak, 3@34/c; els, 9@10c; alewives, 50 per 100 count; fresh mackerel, each, coe shad, 33@35c; bucks, 20@22c; lake 9@10; pickerel 9@10c; oysters, Norfolk rds, per gal 85c; Prov River, \$1.10; Stamfresh opened selects, \$1.25; shell.per bbl, bus \$1.75; Blue points, per bbl \$7.25; sh \$2.50; lobsters, live, per lb, 10c; boiled, ams, per gal, 50c gn Butter and Cheese Market. foregoing, and this is business educa-Springer Bros, Fashions

ston, have the ever popular and conmade, with little or no trimming, but grain. A closely kept account with the and the result was this, in one week we put the tely fitted and silk lined, while many cows will give the result of the dairy, horse to work, and continued to work him every nave elaborate stitching, braiding or satin and another with the poultry will inditriuming. The illustration above gives cate the profit or loss in this direction. tiful gray Venetian cloth habit in tailor
The jacket, which is half-fitting in front igs closely behind, is trimmed with satin rent expenses of the household, or for ad finished with tiny cut steel buckles. repairs or improvements on the farm, irt has the Spanish flounce effect, and is should all be accounted for. Each dif- to the Market Gardeners around Boston

show, besides the above, every kind of guide his good judgment, and with aist or outside garment which could be earnestness of enterprise in developing

determined certainty in all his plans.

record of all the financial transactions,

however great or small. The same is

which he is pursuing, but he must know

as surely its business phase as shown by

Recently a gentleman in conversation

knowledge of accounts." Here accord-

a proper system of accounts.

you notice the Macullar Parker Com- The complex interests and details of announcement on the eighth page? If the farm cannot be kept in the mind the farm cannot be kept in the mind alone—they must be recorded. It is impossible to know the baisness as between debits and credits unless they are faithfully shown in one account. The grays you in wear that determines its to you. Their clothing is all made in the farm cannot be kept in the mind alone—they must be recorded. It is impossible to know the baisness as between debits and credits unless they are faithfully shown in one account. The grays you in wear that determines its to you. Their clothing is all made in the farm cannot be kept in the mind alone—they must be recorded. It is impossible to know the baisness as between debits and credits unless they are faithfully shown in one account. The grays you in wear that determines its to you. Their clothing is all made in you. Their clothing is all made in mit his factory to be operated without n clean workshops, and they know the a record of every cent paid out or retory from the moment the shears are ceived. He knows the operations of the cloth until the clothing is laid on manufacturing, and he understands his desirous of doing so, please apply to the Mer

Thousands Are Trying It.

der to prove the great merit of Ely's true of any other business, and can be Balm, the most effective cure for Catarrh | no less true with the farmer. The manand told in Head, we have prepared a generous trial size for 10 cents. Get it of your druggist, which had a pursuing, but he must know or send 10c. to

ELY BROS., 56 Warren St., N. Y. City. Rev. John Reid, Jr., of Great Falls, Mont., recommended Elv's Cream Balm to me. I can emphasize his statement, "it is a positive cure said: "I have lost from \$500 to \$1,000 SASH and owers for catarrh if used as directed."—Rev. Francis. A year for the last fifteen or twenty. for catarrh if used as directed."-Rev. Francis a year for the last fifteen or twenty

W. Poole, Pastor Central Pres. Church, Helena, years from not having a practical Ely's Cream Balm is the acknowledged cure ing to this gentleman's statement, there has been a loss to him of \$15,000 in nor any injurious drug. Price, 50 cents. At in business from not knowing book-

Business Education for Farmers.

ARMSTRONG & McKELVY Pittsburgh. BEYMER-BAUMAN

DAVIS-CRAMBERS

ANCHOR

ECKSTEIN

ATLANTIC

BRADLEY

BROOKLYN

JEWETT

ULSTER

MOIND

SOUTHERN

SHIPMAN

COLLIER

MISSOURI

RED SEAL

SOUTHERN

SALEM

CORNELL

KENTUCKY Louisville

Farming, like any other business, is judged to be a success by whether it pays or not. The only test is that of revenue. The farmer needs specific knowledge of agriculture, else he cannot intelligently conduct the business of raising crops. He cannot make rain to fall nor the sun to shine, but he can cession of crops, and how best to promote their growth through cultivation. The same is true, too, in his handling the various kinds of live stock, which are always important, and which may be, also, a profitable feature of the farm. He must have that specific knowledge of animal life, and the ways and means by which to handle these animals, to the great end of profit. He must be an agriculturist; he must be something of a zoologist-that is, he must know how to cultivate the soil and how to care for the animals which we would make of profit. In addition to this specific knowledge of farming, he needs that very important kind of knowledge generally called good judgment. He needs to know what has been determined by experience, as being true or false. In short the farmer should be an educated man—not educated in a general sense, but educated particularly as a farmer. He needs to farm from provided his particularly as a farmer. He needs to farm with brains as surely as he does much that the farmer should be an educated to farm from provided his particularly as a farmer. To the educated that more money is lost on the farm from poor business management and from want of correct business management and from want of correct business management and from want of correct business management and from failure in crops.

The young farmer; can get his farm knowledge at home from actual experitions as surely as he does much that the particular is the same may be changed to that of Loren kustled failure in crops.

The young farmer; can get his farm knowledge at home from actual experitions as surely as he does much that the particular is the maternal grandmother of said child are now deceased the father dying first that upon the decease of the mother she gave said child to Annie Marriam Sell, who is the maternal grandmother of said child and that his name may be changed to that of Loren kustli Taintor.

Will need to be observant on his own we would make of profit. In addition with plows and harrows. To the educated farmer the business of farming is

as truly a career as law to the lawyer, medicine to the doctor, or preaching to the minister. A career as truly honors. medicine to the doctor, or preaching to the minister; a career as truly honorable, more independent and quite as promising to happiness and prosperity.

There is another kind of education quite as necessary to the farmer as the foregoing, and this is business education, such as comes from good judgment, when properly trained. One farmer makes his business a financial success, actually makes money out of serious mistakes and have less need of serious mistakes and have less need of the minister; a career as truly honorable tic wiff clear his mind on many commercial as mind on many commercial as mind on many commercial to wiff clear his mind on many commercial to wiff clear his mind on many commercial to wiff clear his mind on many commercial to the foregoing petition it is of cered, that the petitioners notify all persons in crested in the said ROBERT STANLEY WOODS, to appear at a Probate Court to be held at Cambridge, in said county of Middlesex, on the tenth day of May. A. D. 1898, at nine o'clock, in the foremon, to show cause, if a y they have, why the same should not be granted, by publishing the same once in each week. for three successive weeks, in the Massachusetts to be the dat Cambridge, in said county of Middlesex, on the tenth day of May. A. D. 1898, at nine o'clock, in the foremon, to show cause, if a y they have, why the same should not be granted, by publishing the same once in each week. for three successive weeks, in the Massachusetts to be the dat Cambridge, in said county of Middlesex, on the tenth day of May. A. D. 1898, at nine o'clock, in the foremon, to show cause, if a y they have, why the same should not be granted, by publishing the same once in each week. For three successive weeks, in the Massachusetts to be held at Cambridge, in said county of Middlesex, said county of Middlesex, said county of Middlesex, on the tenth day of May. A. D. 1898, at nine o'clock, in the foremon, to show cause, if a y they have. Why the same once in each week. For three successive weeks, in the Massachusett success, actually makes money out of a good demand for the lower description of the markets are steady but with no activities and take are steady but with no activities and take are steady but with no activities and the same conditions of climate and soil, actually loses, and farming to him book-keeping else he can't tell what the nadian offered at 7 1-2 to 8c. farming, while another by his side, paying for legal service to help him our with the same conditions of climate and of unfortunate blunders. He must learn book-keeping else he can't tell what the first of these knows what pays and what does not. He knows, almost as fully what his expenses and outlays are, and he knows as well his income or profit. In all he does he knows on which side of the account the balance stands. A well-kept set of farm books will show the revenue from every kind of most.

The farmer must bring to bear on his can't tell what the results of his operations are with an degree of certainty. A course in bank-for property included. 1½ miles to Stores, on the degree of certainty. A course in bank-for property included. 1½ miles to Stores, on apple, pear, peach plum, cherry and quince. Currants raspberites, strawberies and grapes, so bbls, apples in season. Cottage house 7 fluished at course the farming ignorantly and care-lessly as regards business nethods.

The farmer must bring to bear on his careful to the can't tell what the results of his operations are with an degree of certainty. A course in bank-for property included. 1½ miles to Stores, on the character of the property included. 1½ miles to Stores, on the course, the property included. 1½ miles to Stores, on the property included. 1½ miles to Stores, on the character of the property included. 1½ miles to Stores, on the character of the property included. 1½ miles to Stores, on the character of the property included. 1½ miles to Stores, on the character of the property included. 1½ miles to Stores, on the character of the property included. 1½ miles to Stores, on the character of the property included. 1½ miles to Stores, on the character of the property included. 1½ miles to Stores, on the character of the property included. 1½ miles to Stores, on the character of the property included. 1½ miles to Stores, on the character of the property included. 1½ miles to Stores, on the character of the property included. 1½ miles to Stores, on the character of the property included. 1½ miles to Stores, on the character of the property included. 1½ miles to Stores, on the character of the property in of the account the balance stands. A well-kept set of farm books will show the revenue from every kind of work that is done and from every part of the complex business represented. At the end of the year, from such a set of well-kept books, the farmer can know where his losses have occured, from what source his gains have come, and how much the year has brought him, and how much he is really worth. With such a farmer and with such a set of books there is less speculation, there are no guesses—he knows his business as thoroughly as does any tradesman know his. How else can he know these results but from a system of bookkeeping.

On with farming ignoranity and cary lessly as regards business nethods. The farmer must bring to bear on his operations the same kind of learning and wisdom that the successful man in other lines employs as a means of surcess. Farming is a worthy career, and deserves to be followed with the same deserves to be followed with the same deserved with the same deserved with the same source his gains have come, and how much the year has brought him, and how much he is really worth. With such a farmer and with such a set of books there is less speculation, there are no guesses—he knows his business as thoroughly as does any tradesman know his. How else can he know these results but from a system of bookkeeping.

It will Cure Fistula Every Time. which will record his outlays and revenues and show these in their proper relations to one another in the end?

Proper accounting can be carried into every department of farm work. Thus

Thus and show these in their proper relations to one another in the end?

Proper accounting can be carried into every department of farm work. Thus Proper accounting can be carried into every time if properly applied, before breaking without any bad efflects. For enlarged joints and sprains it has no equal. Every horse owner proper debits and credits will show to should keep it constantly on hand. the farmer the exact profit or loss from the wheat crop, or from one field of

A. L. MCINTYRE,

day for two and a half years after. R. G. MORSE & CO., 498 Albany St.

WE HAVE SOLD MORE SEEDS

d with seven rows of the satin folds, ferent feature of expense or revenue can THAN ALL OTHER SEED DEALERS meet under the buckles at the left side, at the

in appearance—is lined with bright combined to display the total result. Seeds which satisfy these men are safe With facts and figures such as these to for the general public to use.

Crops raised from our seeds will sell in any market. Send to-day for our catalogue and adasonable and they are able to satisfy any the profitable elements of his business, vance your own interests by giving our the intelligent farmer can proceed with seeds a trial.

his complex affairs along lines of well-SCHLEGEL & FOTTLER.

FERTILIZERS.

business as a manufacturer, but, besides desirous of doing so, plesse apply to the Merritand dolood of underpaid workmen.

business as a manufacturer, but, besides desirous of doing so, plesse apply to the Merritand dolood of underpaid workmen.

business as a manufacturer, but, besides desirous of doing so, plesse apply to the Merritand dolood of underpaid workmen.

business as a manufacturer, but, besides desirous of doing so, plesse apply to the Merritand dolood of underpaid workmen.

For Florists For Market Gardeners For Farmers For all who wish to

raise early vegetables

FOR SALE BY

F YOU want to get the best results in painting use Pure White Lead (see list of brands which are genuine) and Pure Linseed Oil, and give your painter time enough to apply it properly. It will pay.

If any shade or color is desired it can be easily produced by using the National Lead Company's Pure White Lead Tinting Colors and Pure White Lead.

Pamphlet containing sample shades, and JOHN T. LEWIS ABROS CO. giving directions for mixing and applying, Balom, Mass. sent free upon application.

National Lead Co., 100 William St., New York,

keeping. How many farmers in like LEGAL NOTICES. manner lose hundreds of dollars a year

Russell Taintor.
Date this 31st. day of March A. D. 1898.

I OREN A. TAINTOR. MRS. ANNIE G. TAINTOR. COMMONWEALTH OF MASSACHUSETTS.

Farms for Sale.

Poultry Farms For Sale

the wheat crop, or from one field of wheat, if he needs to know it. In like manner he may know precisely the yof the suits among the handsome ones red at Springer Bros., 500 Washington to ston, have the ever popular and contact with fly front. Some are outled to the standard to take the with fly front. Some are outled to the standard to the wheat crop, or from one field of wheat, if he needs to know it. In like manner he may know precisely the profit from his cattle, hogs or sheep.

Expenditures from the corn crop will reveal his revenue from this standard when you induced us to try your Ellxir. Ward when you induced us to try your Ellxir. Ward when you induced us to try your Ellxir.

VILLAGE ESTATE—14 acre set with trees, apples, etc. within stone's through the depot and electrics. In town of 8000 inhabitants; 114 sto y house 9 rooms, 4 light glass windows, painted and binded, nice stable, carrage and poultry house, all in good condition. Price \$1100, will exchange for farm not too far from city. O by 15 miles from Boston, a fine place for mechanic.

PREEZY HILL FRUIT AND POULTRY pasture, near one of the best markets in the State. Brick house, 10 rooms, painted, 2 open fire places, wood house, barn, milk and ice house, greenhouse for early vegetables, hot beds and sashes, hennery for 100 fowls. All buildings in good condition, high, sightly and healthy location; very fine neighborhood. Fine apple orchard in bearing, 2 peach orchards of 300 trees, 200 bearing; young orchard of apple, cherries, plums just beginning to bear; ½ are black and red raspberries, strawberry bed, some currants and blackberries; 150 choice grape vines, bearing finely. Ready sale for vegetable plants; vegetables of all kinds grown and readi's sold, the owner having built up an established trade for all products. Will include pots, crates and boxes, upwards of 1000; also stock and tools, meaning horse, cow, fowls, and all farming tools with fruit and vegetable route. This property is free and clear; owner will sell \$1800, ½ cash. Plenty shade, shrubbery and flower bed; faces south, village in sight.

\$3000 BUYS THIS 5-ACRE FARM, all new, elevated, beautifully situated, land level and good, apples and pears. Buildings built 3 years, house has plazza and bay window, barn elapboarded and painted. Electrics pass door. 16 miles out.

MINUTES to steam ear station, 5 minutes to electrics, 25 miles from Boston between two of the best markets in Massachusetts, 10-acre farm, all cleared land, and in fine state cultivation, 8 room house and stable, built 7 years; variety fruit; some 3000 strawberry plants set in spring of '97. One cow, harness, buggy, fowls and tools. Price \$3200.

3-ACRE FARM—40 apple, 20 pear, 10 peach trees, best varieties, nice well, spring and brook on place, 7 room house with shed, barn and poultry house. Price \$1200. 25 miles from Boston.

GRAND FOR POULTRY AND GARDENING -5¼ acres with 240 ft. frontage; 2½
in gras . ½ plowed, balance not cultivated;
about 4 acres nearly level; 55 full grown apple
trees al bearing (40 Baldwins, 5 sweet); 25
quince, 4 pear, 5 plum. 25 currant. Fine new
hen house 3x40; never failing well, attractive
modern house, one year old; parlor finished in
oak handsome fireplace and mantel; remainder
in Carolina pine and cypress; nails, parlor and
dining room have polished oak floors; china
closet with glass doors in dining room; new set
Holland shades and 2 straw mattings go with
house; house warm and sunny, cellar dry; bath-Holiand shades and 2 straw mattings go with house; house warm and sunny, cellar dry; bath room has bowl, tub and closet; open plumbing; house fully heated by furnace and wired for electric light; healthy location, fine view of country; American neighborhood; bydrant near in case of fire. Half hour's ride to Boston. Price \$4000.

J. A. WILLEY, 178 Devons hire St., - - - Boston

THE HOUSEHOLD.

BABY'S LOGIC. To-day I asked my mamma if I could whittle, Yes, I did. "Oh, no, my girlle" said she, "you're too little,"

o she did. But Tom stepped so hard right on my toe [cried, I did. She said, "Oh, you're too big a giri to cry out

That's what she did. Why can't I cry if I am little, Or, if I'm big why can't I whittle?
—St. Louis Republic.

An Egg-Shell Garden.

Little Kate Sanford came running into the house in great haste. "Mamma, will you save me all your egg shells for a week?"

'Abbie's got a new notion," said "Yes, but I think you will like this

notion, granny. Will you, mamma?" "What will the biddies do for shell material?" pound up some bones for

them," said papa, who always favored was trying to think, all the time, of his little daughter in all her plans. "Teacher told us to-day how she have his own way. once grew a flower garden in egg shells, and we are all going to try should get the dirt too wet."

daughter?"

garden or in large pots."

Her papa thought that would be very nice, and promised to get the boxes for were put on each side of the front door, her. Her mamma decided she would and though I must admit that grandalso have a garden of vegetables started father was quite smart, I can hardly in the same way, and grandma began say that I quite like the way he gained to wonder if she couldn't have a hand in his point .- Phil. the fun, too.

each had an egg-shell garden, and grandma had the funniest one of all. She crocheted some little sacks out of thread just large enough for each to hold an empty shell, filled the shells with soil, planted some flaxseeds and with soil. planted some flaxseeds and hung one above the other in the win-How those plants did grow. Kate's flowers were soon ready to transplant, mamma's tomato and cucumber plants were ready for the ground before the grander was played and grand.

God's plans like lilies pure and white unfold; fore the garden was plowed, and grandma's flax had grown into the daintiest vine with little blue flowers on it. The And if, shell baskets looked like little fairy cups, and Kate almost wished she had thought of planting the flax instead of Where we shall clearly see and understand, flower seeds. Grandma saw her admiring it one day, and the next morning when she started for school grandma gave her a neat box to carry, telling her not to turn it wrong side up. She was to hand it to the teacher. may judge of Kate's surprise when quite a variety. The children were so He said he was mad. anxious to take care of the plants that protect them.

The plants grew splendidly, and one two or three hundred years. day the school board and their wives came to visit the school, and every little was eight years old, and so of course heart swelled up with pride when they very wise. "Course grandpa was a all praised the flowers. - National Stock- boy or how could he be a man, now?

PAT'S CRITICISM.

There's a story that's old
But good if twice told,
Of a doctor of limited skill.
Who cured beast and man, On a "new fangled" plan, With the help of a strangely made pill.

On his portal of pine Hung an elegant sign
Depicting a benutiful rill,
And a lake where a sprite, In apparent delight, Was sporting in wet deshabille.

Pat McCarty one day,
As he sauntered that way,
Stood and gazed at the portal of pine
When the doctor with pride Stepped up to his side, Saying, "Pat, how's that for a sign!"

"There's one thing," said Pat,
"Ye've left out o' that,
Which, be jabers, is quite a mistake;
It's trim and it's nate, But to make it complate You should have a foine burd on the lake."

"Ah! Indeed, pray then tell, To make it look well, What bird do you think it may lack?" Says Pat, "Of the same, I've forzotten the name,

But the song that he sings is 'Quack, quack!"

For the Mass. PLOUGHMAN.

HOW GRANDFATHER GAINED poor little grandpa thought if he could HIS POINT.

That is grandfather's house. Doesn't of it till one night he thought he could used on all the plain tailor gowns says it make a pretty picture? Those maples shading it, and that grassy slope before night when his father and mother went season with five or seven gores, and it with the stone walls curving up from to meeting. He waited till the rest of generally what is called a drop skirt, the road to he front door gives it such the children were in bed and asleep, this meaning that it is separate from the an inviting look. Then it is so prettily situated on that rising ground, with hills all about it not far away. See how very neat and nice everything is kept. the pantry. He knew where the crack- is made is very simple when once unvery neat and nice everything is kept. ers and butter were kept, an' he didn't derstood. The lining is finished pre-That has been a characteristic of the old place ever since I can remember.

wish to 'sturb any one, so he crep' cisely as any dress skirt would be—along, feeling his way, took a cracker, with a facing and, as a rule, a band of

New notice the front windows. Do spread it thick-just all he wanted, and haircloth, and finished with a ruffle or you see there are two on each side of then he took just the biggest bite he a piece of velveteen binding. It it is to the front door? Did you ever hear the could get into his mouth, but mercy be worn over a stiff, carefully made story connected with them? Well, it seems that when grandfather was born there a century ago, the house was not as large as it is now, neither was it as nice, bad taken a big mouthful of lard instead of butter! My! wa'n't be a sick un? through the chinks in the roof. When Said he never has wanted cracker an' foot it is finished with a hem or facing he grew to manhood, he stayed in the old place, though the other children went away one by one to seek new homes for themselves. After a time, he have been described butter since—don't like to think of it. which is blind stitched, and generally very well." The boys made wry faces. "Say, Charley," said Tom, "Maggie it. It is only fastened to the lining at the band. Of course it is best to have began to keep company with a rosy cheeked woman who lived in a neighbor.

Swipe some. Get some for me, too."

C. E. G.

ing farmhouse, and in due time the THE HOME CORNER.

wedding day was set.

Now the old gentleman, great-grandfather, had given grandfather permission to build an addition to the old house, to accommodate the young bride. You see, originally, there was a room on see, originally, there was a room on to supply our readers with the Basar Glove Pitting only one side of the front door. Grandfather was going to build one on the other side, and it was quite a piece of work, too, for a large rock was just in the way of the new room, but he went accompany each pattern will accompany each pattern will each the full directions accompany each pattern will each the full directions accompany each order, otherwise the pattern will each the full mrice. the way of the new room, but he went acco to work in earnest, and with help, he removed the rock and had the frame up and well under way. He had decided to put two front windows in the new room, and as there was only one window in the corresponding space in the old part, he asked his father to let him put . THE HOME CORNER, MASS. PLOUGHMAN, another window in the old roon; but the old gentleman was attached to old things and didn't want any change made there, and grandfather must be thankful * that he was allowed to make any additions to a house which had always been large enough before. Nothing would move the old gentleman, so, seeing it was useless, grandtather gave up saying anything, and kept on at work; but he

some scheme that would enable him to He kept his own counsel and worked it. O, on, forming plans meanwhile, until one won't it be fun," said Kate dancing day, he brought the oxen around to help around and clapping her hands. "You him place some large, flat stones, as are to break the egg open at the small door steps. While not using the oxen, end, and lay each shell away by itself; he fastened them to the frame of the old then I will make a pin hole in the other door and worked busily about, here and end for the water to run away if I there, until just the right moment, when he went around suddenly in front of the "How will you make them set up, oxen and flapped his green jacket in their eyes. They were so frightened, "Oh, yes, I forgot about that. I they gave a great plunge down the road, must get a raisin or herring box, and and crash went the door frame, and have papa open it at the side so as to along with it, the whole front of the old make a wide, shallow box, then we'll room. Grandfather rushed after the put some nice, yellow sand in it, fill the oxen, and the old gentleman stormed shells with nice, rich dirt, and press and fumed. But, of course the deed them down in the sand so they will was done, and the old front would have stand up all right. Then I will plant to be rebuilt. Grandfather was very some pansies, and verbenas, and asters sorry the oxen should have so mis-beand other seeds and let them grow in haved, and offered to rebuild, and the the shells. When they are large enough old gentleman, seeing that the old one mamma and I will put them out in the was torn away, let grandfather rebuild

to correspond with the new. That is the way the two windows

The next week Kate and her mamma Sometime, when all life's lessons have been learned, And sun and stars forevermore have set,

The things which our weak judgments here shirt style and with them are included have spurned,
The things o'er which we grieved with
the two prevailing cuffs, one straight, Will flash before us, out of life's dark night,

right,
And how what seemed reproof was love required. The pattern, 7335, is cut in most true.

We must not tear the close-shut leaves apart, Time will reveal the calyxes of gold.

nd if, through patient toil, we reach the

Where tired feet, with sandals loosed, may I think that we will say, "God knew the

For the Mass. PLOUGHMAN.

Grandpa's Queer Lunch.

Tom was cross. There was not the there was disclosed the lit le fairy cups least doubt about it. He was very cross of flax "With Kate's Compliments" and all because Maggie had told him written upon a card inside. The teacher that if he wanted something to eat he admired them and hung them in the must take gingerbread, "it was good window. Next day Jenny Wells brought enough for anybody." He wanted pie, a plant that she begged of her mother, and because he could not have it, he and soon the egg-shell gardens that so many of the scholars had planted yielded was playing and sputtered and scolded

"Say, Tom," said little Charley after they would have been killed with kind- a short pause, "did you know that ness had not the teacher been there to grandpa was a little boy once, O! ever and ever so many years ago? I gue-s

"Pooh! Yes," answered Tom who But goosie, men don't live two or rious separate waists, whether they three hundred years," and Tom swung take the blouse form or are made in his feet to and fro from the bench where regulation shirt style. The model he sat, whittling a bit of shingle into an shown is in rich mixed colors, with oar for the encumber boat floating in a lines of black, the vest, revers, collar

tub of water. of the things he did when he was a little at the centre front, but the blouse itself feller. He said he had a lot of brothers includes shoulder and under-arm seams and sisters and they were poor, and he only. The narrow vest is attached to had to work awful hard and only wore the right side beneath the front of the shoes Sundays. He said his mother did blouse and hooks well into place benot let them leave a lot of nice food on neath the left edge and rever. The their plates to once, but they had to eat sleeves are one-seamed and in regulaevery bit up before they could have any tion shirt style and are finished at the pie-an' he said that Thanksgiving day wrists with turn over cuffs fastened they had boiled dinner and then turkey, with silver links. At the neck is a colar' his pa said that the one who ate the most boiled dinner could have the most over points and worn with a tie of the turkey"- "Jest 'sposin," interrupted same. At the waist is a belt of black Tom, who dearly liked turkey—"I call leather, with buckle and ornaments of that mean; 'course they couldn't have steel, and with the blouse is worn a hat room for much turkey after all that of rough straw trimmed with ribbon, stuff! guess they wouldn't catch me lace and aigrettes. To make this waist more'n once that way," and he shook for a lady of medium size 4 1-2 yards of his head indignantly. Charley had an material 22 inches wide will be reinterested listener at last. He conquired, with 5-8 of a yard for vest and tinued: "They had crackers when they revers. The pattern, 7327, is cut in wanted a lunch-dry crackers, no sugar sizes for a 32, 34, 36, 38 and 40 inch nor butter, just crackers. Sometin e bust measure. With coupon, 10 cents. the older boys would go and get crackers and butter, without asking, and only have crackers and butter, too, he out of fashion; indeed, many dressshould be happy enough! He thought makers prefer it to any other, and it is

The gored skirt is not by any means silk lining; but where it is not possible

even with a silk gown.

FREE PATTERN.

By special arrangements with the BAZAL GLOVE-FITTING PATTERN CO., we are able to supply our readers with the Bazar Glove Meting

MASS, PLOUGHMAN COUPON.

Cut this out, fill in your name, address, num
 ber and size of pattern desired, and mail it to

BOSTON, MASS.

oss ten cents to pay expenses

7335-Ladies' Shirt Walst Bloeves.

Many of last season's shirt waists are

quite up-to-date with the sole exception

of the sleeves. The pattern here shown

is especially designed to remedy just

such defects and includes the latest

styles, one sleeve showing pleats, the

other gathers at the arms edges. Both

are one-seamed. Both are in regulation

the other rolled over and rounded at

the outer edges. To make either these

sleeves for a lady of medium size, 1 1-2

vards of material 30 inches wide will be

medium size only. With coupon, 10

No. 7327-Ladies' Waist.

plaid silks share the honors for the va-

and cuffs being of plain colored taffeta

.

C. E. G. then a good quality of percedine or cam-

Much as bayadere stripes are worn,

made together they are sewn together in all the seams, and the skirt is then bound and faced. Some materials wash-rag, so necessary to the completewhich stretch and pull are better made ness of a bedroom, can be fashioned up in this way, particularly when the very simply and with little cost, as folcircular skirt is used as a pattern. The lows says an exchange: gored skirts will be used in wash mateand linens. When they are used for about three yards of ribbon of any precambric they will be made narrower, ferred width from one inch up, will be and for ruffled and flounced skirts they required. The towel rings, for such will also require to be cut narrower.

Miss S. Maria Elliott gave a practical any dry goods store. lecture at the Women's Educational and Industrial Union recently on "The Biology of the House," leaving out the and one-quarter yard in length, the piece human and plant life, however, and de- three-quarters of a yard in length being . voting the hour to causes and cures of for the bow and the other two to hold animal pests. She began with rate and the rings. mice, saying that the remedy in this Slip the one yard length under one case, as in all others, is in the absence ring and bring the two ends of ribbon of stray food and moisture where they together; slip the three-quarters length abound. The absence of (avorable re- under the other ring and likewise bring production and the actual destruction the two ends of ribbon together. Now, of living forms are important parts of place the ends of the first over the ends the plan of extermination, she said.

Miss Elliott, as reported in the Tranthe cellar cemented or filled with broken glass and then made tight. Cotton cheese and meat fail. Poisons should place. be used with great care. The moth, wife. Even Job speaks of "a garment that is moth-eaten," so it is of no new origin. To perpetuate its species is its only mission in the world and it dies when this is accomplished. Absolute Tarred paper is good to fold may be added. blankets in. When moths appear around sary with these inflammable fluids.

They are near relatives of the centipede, but not nearly so dangerous. The oil of pennyroyal is almost certain

flies, carry contagion. ture thus infested, and kerosene or serve hot.

bric can be used, and a silk facing of the speaker, "is fortunate in having the some depth put on the outside of the constant aid of scientific experimenters, skirt; this will make it possible to wear and even the United States Government to aid her in combined efforts to exter-When the naterial and the lining are minate insect pests."

A dainty holder for the towel and

A couple of wooden towel rings about rials, particularly in denim, homespun, one-eighth of a yard in diameter, and they are called, can be found under this name at the notion counter of almost

of the second piece of ribbon and sew securely together, over which also sew script, spoke of the necessity of having your daintily made bow, with a loop all apertures and pipe connections in underneath for the hanging up process

The apper ring, which is for the wash-rag, will rest lightly against the wool and cayenne pepper will keep lower ring (for the towel), thus prethese troublesome little crea ures from venting the dampness of the wash-rag, following the pipes into bath or sleep- in case it should be wet, from soiling Stiff dough will often the wall, as the holder is tacked up betempt them into a trap when toasted side the wash.stand, or any preferred

This dainty arrangement is a decided that small and insignificant member of acquisition to a bedroom, and has alan interesting family, could not be ex- ready graced more than one, being not pected to commend itself to the house- only very ornamental but useful as well.

The following recipes from the Har-

Veal Olives .- Cut small pieces of cleanliness, freedom from dust and other veal as if you were going to make cutorganic dirt, are the chief methods to lets, and spread them on a table. Make exterminate it. It seldom attacks sur- seasoning of crumbs of bread, pepper, faces that are often agitated. When salt, and sweet herbs that are agreeable. garments are put away they ought to be Strew the seasoning on the meat, roll horoughly brushed and cleaned after them up, and tie them. Put a little buthaving hung in the sunshine for hours. ter in your saucepan, and when it is coarse comb is good to clean furs. quite hot drop in the veal balls, or Strong odors affect the delicate breath- olives, which have been dusted with ing apparatus of insects, therefore arti- flour. Stir gently until light brown cles are sealed in boxes where there are and until thoroughly done. Add enough cedar shavings, camphor sewed in bags boiling water to make a little gravy; a or sealed in boxes, and are generally little lemon juice, and Madeira or sherry

To Preserve Strawberries Whole .a carpet, the edges should be turned Select the finest and largest strawberback and pressed with a hot iron. It ries, with the stalks on, before they get the whole surface is attacked it should too ripe. Lay them on a dish. Beat be cleansed with kerosene, naphtha or and sitt twice their weight in doubleturpentine, but great caution is neces- refined sugar, and sprinkle over them. Take a few of the ripest strawberries, Buffalo bags were unknown twentyfive years ago. They are neither bug their weight in sugar. Beat and crush nor moth but a beetle and it touched very small, cover close, and let them they "play possum." Cracks in the stand in a kettle of water until they are floors filled with plaster of paris may soft and the syrup has come out of them; keep them away, but incessant watch- then strain through a muslin bag into a fulness and a war on each individual of pan, boil, and skim well, and when cold the species must be carried on. Crick- put in your whole strawberries, and set ets are sometimes very annoying and them over a slow fire until they are flies are certainly a pest. Early screen- milk-warm, and let them stand until ing is a preventive for the latter; even quite cold; set them on again and make the tops of the chimneys ought to be them a little hotter; do this several covered with fine netting. These pre- times until they are quite clear, but do cautions will also keep out wasps. The not allow to boil, as it will bring away "thousand legger," as it is called, might be called a friend, as it feeds on flies, quite cold, put them into jelly-glasses moths and roaches. They bite, how-with stems down; till the glasses up ever, and hide away between bed cloth- with the jelly; cover with paper dipped in brandy, and seal.

Molasses Pudding . - One cup of to keep mosquitoes away. They, like chopped suet, one cup of molasses, one cup of sweet milk, one cup of chopped "But the most disgusting pest of all, raisins, one spoonful of salt, one dessertoften brought to the house from street spoon of soda, three and one-half cups of cars or in new furniture, is the hardest | flour-enough to give the consistency of to be rid of," said Miss Elliott. "Their gingerbread-one-half cup of butter and appearance may not show any lack of cleanliness and the wonder is that city four hours, keeping the pot filled with houses are so free from them. Their boiling water. Serve with hot or cold appearance is excusable; their continued presence is not. Every egg must be destroyed, for it means hundred effective with not or cold sauces, or the following lemon -auce: One lemon (juice and grated rind), one piece of butter (size of an egg), one teadered effective with not or cold sauces, or the following lemon -auce: dreds of adult bugs. Boiling water cup of sugar, one egg, two tablespoonwith soapsuds is excellent to wash furni-

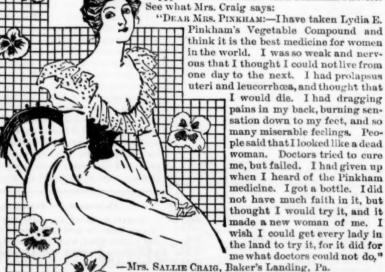
naphtha will destroy the eggs. If they Spring Cleaning .- If one ounce of get under wall paper or in books, noth- quicksilver beaten up with the white of ing will dislodge them but a fumigation an egg to a stiff froth be applied with a Charley felt subdued, but he had more to say "He told me, today, about some foundation is a fitted lining which closes of sulphur. Corrosive sublimate, in feather to the cracks and corners of bedsuccessive applications for a week, has steads, it will keep them entirely free been tried with good success." The from insects during the hottest weather. lecture closed with a chapter on water- Betore applying the quicksilver, the bugs and the animals found in grains bedsteads must be washed with cold and dry foods. "The housewife," said water and soap, and dried.

THE SECRET OF A GOOD DISPOSITION.

Mrs. Pinkham Says a Careful Regard for Bodily Health Makes Women Sweet and Attractive to All.

The world is filled with sweet women who are held back from usefulness by some trouble of the female organs.

Fretfulness and nervousness rapidly destroy sweet dispositions. Sickly all-worn-out women cannot live happy lives. Nearly every woman may be well and happy if she will follow Mrs. Pinkham's advice.



uteri and leucorrhea, and thought that I would die. I had dragging pains in my back, burning sensation down to my feet, and so many miserable feelings. People said that I looked like a dead woman. Doctors tried to cure me, but failed. I had given up when I heard of the Pinkham medicine. Igot a bottle. Idid not have much faith in it, but thought I would try it, and it made a new woman of me. I wish I could get every lady in the land to try it, for it did for me what doctors could not do,'

That Lydia E. Pinkham's Vegetable Compound is a safeguard of woman's health is clearly proven by the thousands of letters constantly being received. Here is one from Mrs. W. P. VALENTINE, 566 Ferry Ave., Camden, N. J.: DEAR MRS. PINKHAM: -Before writing to you I felt very bad, had terrible

sick headaches, no appetite, gnawing pain in stomach, pain in my back and right side; was tired and nervous, and so weak I could scarcely stand. I was not able to do anything, had sharp pains all through my body. Before I had taken haif a bottle of Lydia E. Pinkham's Vegetable Compound, I found myself improving. I continued its use until I had taken four bottles, and felt so well that I did not need to take any more. I am like a new person.'

Ask Mrs. Pinkham's Advice-A Woman Best understands a Woman's Ins

A Good Husband provides the range that Makes Cooking Easy-a

The Glenwood agent has them.

Quincy Mutual

INCORPORATED IN 1851.

COMMERCED BUSINESS IN 184)

CHAS. A. HOWLAND WILLIAM H. FA1. President. CASH FUND APRIL 1, 1898. \$618,875.75 SURPLUS OVER ALL LIABILITIES,

AMOUNT AT RISK. \$43 125.46 Losses paid in 1897 Dividends paid in 1897. \$70 897.29 GAIN IN SURPLUS IN 1897.

Boston Cooking School Cook Book. By Fannie Merritt Farmer

Principal Boston Cooking School Will be sent to any of our subscribers on receipt of **\$1.5**0.

Regular Price \$2.00. \$70 897.29
\$22,984.1¢ either young or old, wishes to know.

FREE COUPON.

Cut this out and mail it to the office of the Massachusetts Ploughman giving name and address, for one package of WARD'S INODOROUS CONCENTRATED SOLUBLE PLANT FOOD

ENOUGH FOR 50 PLANTS.

Your plants will blossom more full and remain longer in flower. The fra-grance is increased and the leaves are much larger and of a rich, deep color.

Enclose ten cents in cash or postage stamps on pay for costs, to the Boston, Mass. Mass. Ploughman, -





Vegetable and Flower Seed. For the purity and reliability of the seed we se appeal to the general experience of the farmers of New England. If you find any varieties (such as Lettuce, Cabbage, Beet, &c.), priced lower than in other New England. seed catalogues, be assured that it is not done at sacrifice of quality. We were the firm in the United States to give the warrant to be found on page first of catalogue. A original introducer of the Hubbard, Marblehead and Warren Squashes; the Marblehead and Warren Squashes; the Marblehead and Warren Squashes; Mainmoth, Deep Head and All-seasons Cabbages, the Burbank, Ohio and De the Miller Cream Melon; Cory and Mexican Sweet Corn, Danvers Red Onion. Eclipse Surprise Pea, and numerous other valuable vegetables, (of all of which we keep the stock), we invite a share of the patronage of the public. With each class of vegetable flowers are given directions for cultivation. We catalogue for the first time this potato, new cucumber, beet and cabbages, with a very superior, fully tested, new raspberry and grape which should be in every garden. Catalogue free.

J. J. H. CRECORY & SON, Marblehead, Mass.

>>>>>>>>>>>>>> Large New Maps of KLONDIKE—ALASKA—CUBA TI

To all who order the People's Atlas of us now we will send free maps of Cuba and Alaska, newly engraved from the latest governmental surveys and official information. Size of each map, 14 by 22 inches. The Alaska map accurately locales the Klondike country and other great gold-fields in that far-off land, and the routes by which they are reached. A brief history of each country accompanies the maps. See our offer below:

OVER 200 MAPS AND ILLUSTRATIONS

THE PEOPLE'S ATLAS contains over 200 large Maps and Illustrations, and 13 Pages, each page II by 14 Inches. It giv es the Population of each State and Territory, of All Counties of the United States, of American Cities, by Last U.S. Census

HANDSOME MAPS.—The hand-some Maps of all the States and Territories in the Union are large, full page, with a number of doublefull page, with a number of double-page maps to represent the most im-portant states of our own country. All Countries on the Face of the Earth are shown. Rivers and Lakes, the Large Cities of the World, the Railroads, Towns and Villages of the United States are accurately located.

splendid pictures embellish nearly every page of the reading matter, and faithfully depict scenes in almost every part of the world. It contains a vast amount of historical, physical, educational, political and statistical matters, comprising a General Description of the World.

EACH STATE.—This Atlas gives about each State the Population for the Past 50 Years, History, Miles of Railroad, Soil, Climate, Productions, Industries, Educa-tional and Religious Interests, Interest Laws, Etc., Etc.

THE UNITED STATES.— This Atlas gives the Popular and Electoral Votes for President in the years 1892 and 1896, by States. List of All the Presidents, Agricultural Laws and Civil Service Rules, Stat Past 100 Years, Gold and Silver Stat mation that should be in every Hor



OUR BARGAIN PREMIUM OFFER

The Massachusetts Ploughman, one year,

The Woman's Home Companion, one year, The People's Atlas, with new maps of Cuba and Alaska.

All for \$2.50.

This offer is unrivalled....

Address:

MASSACHUSETTS PLOUGHMAN, 178 DEVONSHIRE STREET, BOSTON, MASS.

MM

Janes Garage Report Report Bases

chool

School scribers

00. sekeeper

ting to

ne of of the ngland he first

n a new pberry

9999

ch

nd.

American cause, for it was a victory that was literally dragged out of the breakers of destruction.

When the Bonhomme Richard fell in with the frigate Serapis of fifty guns, the wind was so light that they merely drifted over the oil-smooth water. The sun sank out of sight behind the hills and daylight faded away into darkness, to that even the lofty towers of carvas were seen only as the faintest shadows.

When the Bonhomme Richard fell in with the frigate Serapis of fifty guns, the wind was so light that they merely day by day, and then came the Alliance, under so that even the lofty towers of carvas were seen only as the faintest shadows.

When time matters had been going Richard to the devil," as he had proposed to do. That he might have done possed to do. That he might have done possed to do. That he might have done possed to do. That he might have done so is not doubted.

And then came John Paul Jones to receive the sword of the defeited Pearson said, as he handed his sword to his fight, Pearson said, as he handed his sword to his conqueror:

When time matters had been going Richard the three guns to send the Bonhomme Richard to the devil," as he had proposed to do. That he might have done you had to worse below decks on the global trom bad to worse below decks on the devil," as he had proposed to do. That he might have done you had to worse below decks on the devil, and the matters had been going Richard the three guns to send the Bonhomme Richard fell in we think lies hid.

It and to worse held on' ex the way a thing is don' to the doin' ex the way a thing is the three guns to send the Bonhomme Richard fell in we think lies hid.

And then came John Paul Jones to receive the way a thing is doin' ex the way a thing is the three guns to send the Bonhomme Richard fell in we think lies hid.

And then came John Paul Jones to receive the way a thing is doin' to the doin' ex the way a thing is doin' to the carrying out and packing of her treasure, but when the wagon of her treasure, but when the wagon of her t

glish fire had had upon the Bonhomme of surrender. He was shouting as he when her sails were full. He did not lichard. Taking advantage of the roll- ran; a basket.22

Then the voice of Captain Pearson down the hatch. was heard asking if the American ship

"I have not yet began to fight." ging of the Bonhomme Richard.

near at hand, Jones ordered a hawser affairs below Dale, instead of quailing, attacked only by the first, but B. h. R. was assailed by both, there was five feet his own hands to lash the jibboom of the the Serapis was just sinking, and their Water in the hould, and tho' it Was Scrapis fast to the mizzenmast of the only hope lay in keeping the Bonhommic moderate from Explosion of so much Bonhomme Richard. While doing this Richard affoat. At this the whole mob gun powder, yet the three pumps that the hawser fouled in some way and of them went to the pumps and to fight- remained could with difficulty only Sucy began to carse.

eternity, but let us do our duty."

been done by saying:

got her now."

On the Bonhomme Richard the hold.

But each side was hunting for the other, and eventually, in the protound silence of a night at sea, the Bonhomme Richard a broadside. The forecastle of the Bon
To this, it is said, Jones replied: and the Serapis drew near each other. homme Richard received the greater It was then exactly seven o'clock.

At the first fire two of the three eigh
Caswell was killed, while ten or a dozen

At the first fire two of the three eighteen-pounders in the lower deck broad-side of the Bonhomme Richard burst. vate signals were set, and a score of A brief statement of the comparative side of the Bonhomme Richard burst. vate signals were set, and a score of the Bonhomme Richard burst. Vate signals were set, and a score of the two ships is essential.

**And the British noted with glee that thereafter none of these, the heavi- were firing into the wrong ship, but the thereafter none of these, the heavi- were firing into the wrong ship, but the two ships is essential. The Bonhomme Richard entered the were firing into the wrong ship, but the two ships is essential.

**The Bonhomme Richard burst. Vate signals were set, and a score of the two ships is essential. Serving woman called Lizette.

**The Bonhomme Richard entered the were firing into the wrong ship, but the two ships is essential. Serving woman called Lizette.

**Miss Roseanna's ancestors were marched back and forth, like a sentry.

cleared her lower gundeck. There was below decks. Then the gunner, who his report. Dale was wounded by a record for unamiability, but not a farthno one left there only a few marines had heard the remark about sinking and splinter during the fight, but did not that guarded the line of boys passing cartridges from the magazine up to the gans on the upper deek.

had seen the prisoners liberated, ran to the poop deck, and in a panic of fear strove to find the signal halliards that Nor was that the worst effect the Eng- he might haul down the flag in token under way he found she did not move

ing of the vessels in the long gentle "Quarter! For God's sake, quarter! up to see what was the matter he fell at swell, the Euglish had been able to send Our ship is sinking!" but John Paul full length on the deck. His blood had a half dozen of their eighteen-pound Jones heard the words, and turning cooled by this time and the wound disshot into the Bonhomme Richard below around he hurled an empty pistol at abled him then. the waterline, and she was "leaking like the man's head, fractured his skull by the blow, and knocked him headlong brief space will suffice, because, as al-

had surrendered. And John Paul Jones Captain Pearson, who had heard the partially insane. That he fired into the

"Never!" replied John Paul Jones. Once more the commander of the "Then I'll give you none," replied To return to the story of what hap-Serapis strove to get into position to Pearson, and the fight went on, while pened immediately after the conclusion rake, but as the Serapis wore around Jones sent his resourceful lieutenant, of the battle between the Bonhomme Bonhomme Richard forged ahead. Richard Dale, below to see why the Richard and the Serapis, the facts may lones was determined to keep close to cartridges of powder were no longer best be given in the words of John Paul the enemy, and soon the jibboom of the coming up, for neither he nor Dale at Jones himself. In his report he says: Serapis fouled the starboard mizzen rig. this moment knew that the prisoners "I had yet two enemies to encounter

ing the fire. They worked in gangs keep the Water from gaining. the fire

They did their duty, and the ships the captured ship—who did not believe at length broke out as low as the powwere held hard and fast, and John Paul dones emphasized his faith in what had ports to the Serapis and told of the late of the powder. In that dilema I took Well done, my brave lads; we have crew. But his story was discredited overboard at the last extremity, and it heaved and she burst out crying. And so they had in one way. * * * on the Serapis. As the ships lay to-But in the sense of capturing the Serapis gether the mainyard of the Bonhomme guished. With respect to the Situation never was such a triumphant cry raised Richard stretched far over the main of the B. h R. the rudder Was cut Enwith a less hope of accomplishing the batch of the Serapis. Noticing this fact, a bright marine in the maintop of the Were almost Entire Cut away, the tim-

hour or so the crew of the Serapis had of the utmost service in clearing the decayed With age, were mangled bebeen working their port battery. When decks of the enemy already, but this yond my power of description, and a made such pretensions were so conthey ran across to work their starboard man, with a leather bucket of hand person must have been an Eye Witness guns they were unable to open their grenades and a candle, climbed out on to form a Just idea of the tremendous ports smidships because the ships were the mainyard until over the hatch scene of carnage, Wreck and Ruin that sidered Lem Pitkins beneath the family forching each other, so they fired through of the Serapis, and then, securing Every Where appeared. humanity candignity, and quite unfit for her first might govern multitudes if he could the serapis, and then, securing each other, so they fired through his bucket to the sheet block, he began not but Recoil from the prospect of such cousin's companion; others declared govern his tongue.—Anon. dropping the lighted grenades into her fatal consequences.

men were no less determined. Their The hand grenade is a shell near the tain De Cottineau and other men of men were no less determined. Their remaining guns were for ght even with cheerful vigor. * * * The ships were dropped exploded on a great heap of side by the ships were form that the ships were form Roseanna having said in the Evening) I found every side by the ships were form Roseanna having said in the Evening of the ships were form Roseanna having said in the Evening of the ships were form Roseanna having said in the Evening of the ships were form Roseanna having said in the Evening of the ships were form Roseanna having said in the Evening of the ships were form Roseanna having said in the Evening of the ships were form Roseanna having said in the Evening of the ships were form Roseanna having said in the Evening of the ships were form Roseanna having said in the Evening of the ships were form Roseanna having said in the ships were form Rosea cheerful vigor. * * The ships were dropped exploded on a great neap of the Surah Maud's presence that "she would gun cartridges that had accumulated fore 5 in the Evening) I found every side, and the guns were muzzle- gun cartridges that had accumulated fore 5 in the Evening) I found every sarah Maud's presence that "she would good buildings, suitable for fruit side by side, and the guns were muzzleloaders. Each crew, to get its charge
set home, had to poke its long-handled
rammer through the enemy's port before
the manner through t

"Sir, you have fought like a hero, and

there was a vast difference in the guns.

We had tree gipteen-pounders in end begun screwing up their faces and begun screwing up their faces then know she was anchored. Jumping the store she set by the tall clock.

> Of the treachery of Captain Landais a ready said, his disappointments while "Do you call for quarter?" shouted in the French service had made him Bonhomme Richard was proved beyond

any doubt.

had been released.

Turning to Carpenter Stacy, who was had been he saw the condition of mean fire and Water, the Serapis Was "Don't swear, Mr. Stacy," said Jones. till they dropped from sheer exhaustion in spite of all the Water that Could be There was one of them-a captain of thrown (immediately) to quench it, and hopeless condition of the American out the powder upon deck to be thrown other cousins—" Roseanna's breast because of an extraordinary occurrence | Was 10 O'clock A. M. the next day the The ships now lay with their starboard Bonhomme Richard took advantage of bers by the lower Deck, especially from sides together. During the last half it. The marines in the tops had been the mainmast to the stern, being greatly

"Ater the Carpinters as well as Capon the Bonhomme Richard the men were no less determined. Their remaining guns were fought even with remaining guns were fought even with cheerful vigor. * * The ships were muzzle-side by side, and the guns were muzzle-side by side, and to poke its long-handled along the lower deck behind the guns. A tremendous explosion followed. Some thome, had to poke its long-handled account to pieces. . . . The explosion also set twenty of the British were fairly blown in the Serapis on fire.

"After the Carpiters as well as Captain where the shee pinched, while a large faction said that the whole trouble had twenty explosed on a great heap of gun cartridges that had accumulated along the lower deck behind the guns. A tremendous explosion followed. Some possible to keep the B. h R. afost So as to reach a port if the Wind should incompose the first one he dropped exploded on a great heap of gun cartridges that had accumulated along the lower deck behind the guns. A tremendous explosion followed. Some possible to keep the B. h R. afost So as to reach a port if the Wind should incompose the first one he sheep in the Ship (which was not finished before the Ship (which was not finished before the Ship (which was not finished before to the Ship (which was not finished before the Ship (which was not finished before to the Ship (which was not finished before the Ship (which was not finished before to the Ship (which was not finished before to the Ship (which was not finished before the Ship (which was not finished before to the Ship (which was not finished before to the Ship (which was not finished before the Ship (which was not finished before to the Ship (which was not finished before to the Ship (which was not finished before the Ship (which was not finished before to the Ship (which was not finished before to the Ship (which was not finished before the Ship (which was not finished before to the Ship (which was no

English gunner, poking his rummer That was the decisive moment of the remove my Wounded which now be- But whatever the cause, the fact of

that thereafter none of these, the heaviest guns on the Yankee's ship, were sting on the Yankee's ship, were firing into the wrong ship, but fired. The crews of the two guns that burst were all either killed or seriously wounded, and the men on that deck work the guns there. "The Alliance has been captured by work the guns there. ""

It is likely that this is the only mower than a relic, for as she was very old and very deaf and no eighteen-pounders in action, while the guns there. ""

It is likely that this is the only mostide by side, drawing slowly nearer to side by side, drawing slowly nearer to some other, while the men, with desper-

to find a little slip of paper, neatly fore her. folded and innocent looking as a school

appearances! The note ran: vinced won't be long, seein' I'm sit- "How do you do?" Ruseanna reuated as I be), when I'm gone I want turned. the cherry clock that was Uncle Daniel's,

MEGGS." hand, but she did not move or cry. mean freaks a writin' that note." identical with the light-hearted woman Maud's neck. who hung them there an hour ago.

thing else in the house-anything else! she moaned at last. "And that it should go to Sarah Maud, Sarah Mand Pitkins. of all people! If it had been any of the

you that there had been a fend of many quarrels. -Thackeray. years standing between the two cousins, married a Pitkins. But though every- yourself one-Froude. body knew of the rupture, very few pretended to know anything of the cause, and the stories of those who

Some said that Roseanna had conthat Roseanna was jealous; that she had wanted Lem Pitkins herself, that was

THE BRAYEST FIGHT IN

SAVAL HISTORY.

The case dis factor for the control of t

ing in money-only the tall clock and Lem Pitkins-nobody else in Christensome old clothes by way of compensa- dom ever walked with such a graceless tion. The fact Miss Roseanna never gait—and the woman he was helping complained or so much as hinted that out must be Sarah Maud. In her flurry her departed aunt's disposition was Roseanna did not notice something long not altogether angelic, is evidence of like a coffin covered with a blanket in the back of the spring wagon. A mo-It is not strange that she was quite ment and Sarah Maud knocked at the overwhelmed with sorrow and chagrin, door, Roseanna's heart leaped and when, rummaging through a chest of thumped wildly, but she managed to old letters one June day, she chanced reach the door; Sarah Maud stood be-

"How do you do, Roseanna?" she girl's note, but, alas, how deceiving are asked thrusting forward her hand as if she was uncertain about its being When I am done (which I am con-clasped. But it was, though weakly.

"I got your note and the clock yesand that has the honor of being ticked terday," Sarah Mand began. Her voice in G. Washington's hearin', I want it was strained, and she was rather out of to go to Sarah Maud Pitkins, and breath, "and I thought we'd drive right nobody else. And to this will and tes- over this morning and tell you that I tament I hereby set my hand and seal don't feel right in keepin' the old clock, under heaven this day.-JANE ANN and so we've brought it back. You took care of Aunt Jane Ann, and you The slip dropped from Roseanna's ought to have it. It was just one of her

Through the opon window she felt the Sarah Maud paused. Roseanna stood breath of the pleasant June breeze and dumb like a sheep before her shearers. saw her log cabin and goose chase cov- Her face was bloodless and her eyes erlets fluttering on the line, and won- dim and dazed. Then she made a dered in a dazed way if she could be rush forward and fell weeping on Sarah

And in that hour the hateful breach "Oh, I would rather part with any- was healed forever .- Practical Farmer.

GEMS.

True courage and courtesy always go Now every neighbor or neighbor's in hand. The bravest men are the most child in Brambleville could have told forgiving, and the most anxious to avoid

You cannot dream yourself into a Roseanna Meggs and Sarah Maud, who character, you must hammer and forge

Be silent always, when you doubt your sense, speak, tho' sure, with seeming diffidence. -Pope.

FOR SALE

ONN. FARM—Containing 13 acres all tiliage land, story and half house with 2 barns adjacent, Buildings old but in first-class condition; good R. R. service to Hartford and N. Y. 40 rods from station; adapted for ordinary truck raising; apples, pears and small fruits. Price \$2500. Address Collins & Reese 150 Nassau St., N. Y. or J. A. Willey 178 Devonshire St., Boston.

RUIT AND STOCK FARM, 6 miles to Lower by 25 from Boston on county road. Farm contains 70 acres. 400 fine bearing apple trees, ½ acre raspberries, 1 acre blackberries, 2 beds strawberries, 300 peach 3 and 4 yrs. old, besides strawberries, 2-story house 9 rooms, 2 large particular and bay windows. other fruit. 2-story house 9 rooms, 2 large partures, 4 light windows, piazzas and bay windows. Pump at sink, running water at barn. Well room with two set bollers. Barn 60x38; 16 tie ups and 3 stalls, fine cellar with 24 ft. space divided off for apple cellar; barn clapboarded and painted, c.pola and vane. 2 hennerles, 12x24 and 12x36. Two yrs supply of wood in shed. Cuts 35 tons of hay by machine. Price \$6000.

DOUBLE VALUE in this 20 acre farm. Why?

1st. Because it is nine miles from Boston
markets and is run as a market garden farm. 2ud.
Every foot is valuable for building lots. Only two
minutes to station, 40 trains daily; water, lights,
and electries through street. Large cottage house
12 rooms, steam heat; barn 42x60 with sub cellar;
75 ft. carriage shed, 300 feet frame for winter
sash. Seld on very easy terms as a whole or in
sections, or will exchange for property on the
O. C. B. R. or in R. I. Personally examined.

ESTABLISHED CREAM and MILK Business

CUMMER BOARDING.— 400 acres, situated in one of the pleasantest towns in central New Hampshire, well divided; cuts 50 tons hay, all by machine; keeps 25 to 30 head and team. Valuable wood and timber lot, large amount fruit. Two-story house 20 rooms in first-class condition, cemented cellar, milk cellar, ice house, 2 large barns, clapboarded and painted; carriage house 20x30. Kunning water at all buildings. Borders a beautiful lake for long distance. Fine shade trees. Summer rustic house. Low tax rate. Everything up in first class shape for country farm or stamer boarding blace, with a first class trade established. Good sugar orchard 200 buckets. Price \$4500. Very easy terms. Only 1 mile to two villages. Where can you find a better bar gain! E. H. CARBOLL, Warner, N. H., or J. A WILLEY, 178 Devonshire St.

TDEAL GENTLEMAN'S HOUSE - 25 miles T DEAL GENTLEMAN'S HOUSE — 25 miles from Boston, excellent steam and electric service, 1 mile to P. O., Stores. Churches and Schools. 30 acres level land free from rocks. Spiended set of buildings, 2-story house with eil,—10 finished rooms, painted white and recently shingled; sets back 500 ft. from main street where electrics pass (2 lines). Gravelled driveway lined with Maple and Linden trees on both sides leads to house; plenty shrubby, Barn (painted and cupola) 33x47. 2-story s ed 35x18, carrage and tool house 18x80, one poult y house 15x20, two others 8x10, another shed for storage of tools. etc., 16x9. Fine cold well of water, small apple orchard bearing well, another of young trees just begining to bear, buildings on an elevation 30 ft. higher than street. Keeping at present 8 head cattle and 2 horses. Price \$650.

STOCK and GRASS FARM. 85 acres. One mile to station and P.O. 27 to Boston. House 9, rooms, barn 30x85, annex 22x65, shed and wagon house; all buildings painted and in good condition; well shaded; 500 peach, well fruited, 178 plum just beginning to bear, 75 bearing apple trees, 10 cows, pair horses. 50 fowls, all farming tools, crops, and 50 tons in barn. Price for all \$6000.

CUTS NEARLY 100 TONS HAY, will pasture by 20 to 25 head; running water in all buildings by pipe; 427 acres, finely located, everything in thrifty condition, hay having been spent on place. Quantities of apples, pears, plums and cherries; i mile to depot, P. O., stores; two other villages within 1½ miles. Good two-story house, one barn 40x80, one 30x40, one 20x30; carriage house, 2 ells, other out-buildings. Borders handsome sheet of water ¼ mile. Price \$4000, ½ cash, which is less than buildings cost. Large list of farms and village places, for particulars of which address E. H. Carroll, Warner, N. H., or J. A. WILLEY, 178 Devonshire St., Boston

TWO HUNDRED ACRE Connnecticut River Farm. 80 acres in tiliage; 60 of this being in one field. Perfect land; every foot tiliable and very productive. 70 acres pasture, 50 wood and timber. 300,000 feet timber ready for market. Mill less than ½ mile of farm. Nice old style farm house, some 12 or 14 rooms. Barns 100x50 and 132x43 and connected; piggery 127x15. All newly paate I and arranged in the most modern and convenient order. Cellar under entire barns, divided into four sections, running water in each section. Water to all buildings from two never divided into four sections, running water in each section. Water to all buildings from two never failing springs. 150 ton silo. Stable fitted with the "Bidwell Adjustable Stall." Cuts 100 tons hay and fodder. Keeps 55 head cattle, 5 horses, 30 sheep and 50 swine. This farm is only four minutes from station; stores, churches. and schools near. This valuable property is offered with or without stock and tools. As a stock farm it cannot be excelled. Investigate this. Personally examined. Photograph at office of J. A. WILLEY.

Level, free from Rocks—½ mile to stores, P. O., Schools and Church; barge passes door to meet every traic. Splendid set of buildings, house of 8 or 9 rooms, connected to barn and all painted white, green blinds. Farm contains 40 acres, borders pond on back and has cottage which rents in summer for parties, and in fall to gunners Large strawberry bed, apple or chard of 200 bbls. in season. Price only \$2800. and only 25 miles from Boston Lake is ½ mile long, same wide, i Photo. at Office.

Lake is ½ mile long, same wide, iPhoto, at Office.

ESSEX CO. — Farm 150 acres. 2 miles to Station. 1 mile to electrics; 30 acres English mowing, 45 pasture, 25 meadow, balance woodland, cuts 50 tons hay, will easily cut 75 tons; milk sold at door; 80 apple trees, pears and peaches; good land. Watered by well, springs and aqueduct. House 2 story, 12 rooms in good order, Barns 36x60 and 32x40 with sheds, cornbarn, work shop, etc. Price \$9000, Suitable for gentleman's farm or country residence, in town of low tax rate.

STABLISHED CREAM and MILK Business 130 acres, finest of grass land all under drained, free from stone. All buildings built in 1895; house 112 rooms, painted white and ollinded; ell and pantry, with refrigerator built in; 2 slics, 45 tons each. Stock barn 40x48, 18 ft. posts; cream ery in one part, 20 tile ups and 4 stalls. Water from spring 20 ft. above buildings, running to house and barns (new pipe); hennery 20x20. Upland orahard, 300 apple trees, mostly Baidwins, 30 yrs. old; large variety other fruits, all kinds. Winter of '96 and '97 kept 24 head and 3 horses. Pond near house supplies farm with ice. 20 cans of cream per week are sold at \$1 per can; a ready sale for all skim milk at \$2 per can. Will sell 21 cows and pair horses, harnesses, farm wagon, one "Farmer's Handy Wagon," machine, hay rake, 3 harrows, plows, cultivators, 2-horse sled, sleigh, ex. wagon, all small tools for \$5300; \$2000 can remain at 5 per cent, or will sell farm above for \$4500.

SUMMER BOARDING.— 400 acres, situated in lone of the pleasantest towns in central New Hampshire, well divided; cuts 50 tons hay, all by machine; keeps 25 to 30 head and team. Valuable wood and timber lot, large amount fruit. Two-story house 20 rooms in first-class condition, cemented cellar, milk cellar, iee house, 2 large barns, clapboarded and painted; carriage house 20x30. Running water atall buildings. Borders a beautiful lake for long distance. Fine shade trees. Summer rustic house. Low tax rate.

The state of the pleasantest towns in central form the state of the stat

J. A. WILLEY, Sole Agent, 178 Devonshire St., Boston, Mass

ROR SALE. Poultry farm of 35 acres choice land, fine orchard, excellent buildings. Only 6 miles from Salem, and 22 from Boston, 10 minutes walk from both steam and electric cars. 9 poultry houses, (rat and vermin proof), brooder house 16x108, hot water heated, cook house 12x 20 with two (2) set boilers, incubator cellar,—cemented, all poultry buildings new. One of the best of stock barns, 42x95, 2 carriage houses, 25 ton ice house, 2x5 fine cellar under harm, expending best of stock barns, 42x95, 2 carriage houses, 28 ton ice house, extra fine celiar under barn, grand good house 13 or 14 rooms, nice shade, sets up high, good outlook, on main road, good market right at door, a business of 2,500 to 3,000 chicks done yearly, and now kept up. Will sell with or without stock (some nice choice stock if one wishes). Price will be right, owner deciding to change affords some one an excellent opportunity, personally inspected.

MANY OTHER DESIRABLE FARMS for sale

MASS. PLOUGHMAN

J. A. Willey,

Room 502. 178 Devoushire St. Boston

....

ASS.



Boston Cooking School.

All ingredients mentioned in the following recipes are measured level.

The lesson at the Cooking School Wednesday morning, April 13, in-Cheese Sandwiches and Italian Sherbet ferred. were prepared and served.

Asparagus Soup.-Wash one can and boil five minutes. Drain, add three cupfuls white stock and one slice onion, and cook twenty minutes. Rub through of the tips. This soup is especially suitable for spring use.

STUFFED CRABS WITH MUSHROOMS .-Cook one slice onion in two tablespoonfuls butter three minutes; remove onion and add three tablespoonfuls flour; pour on one cupful thin cream. spoonful lemon juice and the mashed

fresh or canned mushrooms may be necessary for a cupful. Allow from one-fourth to one-third cupful melted butter to one cupful of crumbs.

CALF'S BRAINS .- Soak the brains of bay leaf, a sprig of thyme and ten topics and many suggestions for diepeppercorns. Serve with the sance cussion, and that discussion is now

ing. The first soaking in cold water is to draw out the blood. Many people of calf's brains as food, but properly Is the formula as given sufficient? prepared, they are very delicate and will be liked when once the prejudice is overcome. They are similar to sweeta very ac eptable flavor, especially pleasing at this scason.

VINAIGRETTE SAUCE. - Mix three tablespoonfuls oil, one tablespoonful winegar, one teaspoonful each of grated onion, chopped parsley and capers, and one-fourth teaspoonful each of salt and pepper. Serve with the calt's brains.

JELLIED CHICKEN: Boil a fourpound chicken, with a small onion, a bit of mace and one-third teaspoonful celery salt, until tender. Add to the stock (of which there should be one quart) one box gelatine soaked in onehalf cupful cold water, one tablespoon- the gentleman if he does not think the ful salt, one-third teaspoonful pepper soil has something to do with it as well and from one to one-half cupfuls

Cover the bottom of the mould to the depth of half an inch with the stock and let it get firm, then decorate in uny way have experienced that in many inpreferred. Put the remainder of the stances. Last year I grew some of the stock and the chicken meat, which has best radishes I have seen on new land been cut in dice, into the mould in layers, letting the stock stiffen before adding the next laver of chicken. Set the mould in ice water to facilitate matter: . essayist if it is a possible thing to raise Thin parings of radishes, the yolks and poor potatoes on high soil sod land? Is whites of hard boiled eggs cut in fancy it possible on such land as that to grow shapes, parsley, angelica, truffles and similar decorations may be used, mak. poor potatoes? I claim that you cannot ing daisies, lilies or conventional des help getting good potatoes; but you signs as preferred. Serve on a bed of cannot raise good potatoes on a low lettuce leaves. The wine may be omit-field that has been cultivated twenty ted from the jelly, using instead more stock and other flavorings, such as lemon juice. The jellied chicken as Mr. Stevens: True. To that I served at the school was very handsome. say a hearty Methodist amen!

CHEESE SANDWICHES .- Cut a slice of Mr. Wate: These meetings have bread of medium thickness into oblong ways been open to ladies, and a special shape and with a sharp knife remove invitation is always given for them to sufficient of the centre to make a very be presen . We have been usually fashallow box. Fit into each slice of vored by their presence and they have bread a thin slice of American factory taken the floor and given us something cheese, season with salt and paprika or red pepper, cover with a thin slice of

Treat your horse well and he will treat you C. B. Barrett, 45 Market street, Boston, Mass. | thank you very much for the opportun-

convenient, and are excellent. Served on lettuce leaves with cold meat, they make quite a substantial lunch.

of thin slices of rye bread with a filling of chopped nuts mixed with grated cheese, and toasted. These are especially good to serve with a lettuce salad.

water and one pint sagar fifteen minutes. Add one-half cupful lemon juice, one and one-half cupfuls each of orange fourth cupful wine. Strain and freeze, cluded the preparation of food in a turning the crank slowly. Serve in the gardeners of Massachusetts are doing, over one-quarter of an inch deep, but variety of ways, especially adapted to grape fruit skins, preferably as soon as It would be a very great pleasure if the you will have the same crop up again, the spring season, when the heavier frozen. The pulp and juice of the class of foods should be omitted from orange and grape fruit may be removed class of foods should be omitted from with a spoon and strained through the diet. Asparagus Soup, Stuffed cheese cloth. If a blood orange is used, Crabs with Mushrooms, Calf's Brains a very pretty color is given. The flavor their season, and serve and cook them mystery to me and every other farmer with Vinagrette Sauce, Jellied Chicken, is very pleasant. Omit the wine, if pre-

will be given next Wednesday morning, asparagus, add two cupfuls cold water, April 20, at the rooms of the Cooking School, 372 Boylston St., beginning at ten o'clock. Crown of Lamb with Peas, Halibut and Tomato Sauce, a sieve, and bind or thicken with four Chicken and Tongue with Bechamel table-poonfuls butter and five table- Sauce, Grape Fruit Salad, Pate de Fois spoonfuls flour. Add two cupfuls Gras in Aspic and Strawberry Short scalded milk, sait and pepper, and a few Cake will be prepared and served. Single admission, fifty cents.

FARMERS' MEETING.

(Continued from Second Page.)

tered crumbs and bake until the crumbs not reach that high point. By aiming plying of the laws of chemistry. Hard shell crabs were used for this, if we aimed lower. So he has presented our ladies have caught the idea, and are a soft berry. They ordered it for table in spring and summer. When soft to us an ideal, beautiful farmer's home. endeavoring to present to our families then set the Samp'e off the table because shell crabs are for sale at "bargain" Of course, no one of us can begin to the method and way of feeding our. he was advertising this particular berry. prices, they are usually what is called cover our grounds with all the great va-'sleepy," and not as satisfactory to use. riety that he has named, but there is may be able to provide food for our tisement? To clean the crab, remove the claws, not one but can do something towards families with material that is equally Mr. Frost: Yes, it was an advertiseeach side of the shell, and remove the beautifying our homes and making nutritious and by improved methods ment. I saw the berry, and the Clyde,

smooth and regular in shape, using the of chemicals, the raw materials rather formerly in use. God bless them. They first remium, as a new berry that was shells to bake the mixture in. Either than the mixed fertilizers put upon the are doing the work for our families that never before exhibited. his experience may be practically used. half hour with two slices of onion, a bit He has presented a great variety of

open to you. after boiling to help them keep their one question in regard to the use of fershape, but should be re-heated for serv-tilizers. Is the formula he presented sufficient for land that is not manured would not be attracted by the thought otherwise, and also for raising potatoes?

Mr. Stevens: I would say that I albreads, and when prepared in the same potatoes I grew last year, which were way are very good served with scram- as smooth as a hen's egg, and of excelbled eggs. The Vinaigrette Sauce gives lent quality, was grown upon an old pasture. To my knowledge, it has not been cultivated for ten or fitteen years. With the application of that fertilizer, I grew as fine a crop of potatoes as I ever dug. The question the gentleman raises is a practical one. I also believe in a cover crop. Don't leave it bare any more than you would the cuticle from off your flesh. If mother earth is deficient from any cause, we must supply the deficiency before we can commence

Mr. Harrison: I would like to ask wine. as the manure. We know, in general practice, that new land is preferable. I

with ashes. Mr. Frost: I would like to ask the years. Will you answer that?

from their own experience. We have bread and brush over the whole surface some ladies present with us today, and one will speak a few words, Mrs. Mc-

Bride. wall. Give him a bed of German Peat Moss. Mrs. McBride: Mr. Chairman,

these, either one made with mil; and cream, is really much more healthy they will germinate and grow. water, or of water alone. The sand wiches than the pie crust which takes a great Mr. Frost: Mr. Chairman, you can't may be toasted instead of fried if more deal of time to make. I want to ask support that fact at all. You say, seeds A variation of this recipe recommend- with me in the summer as to what then, you may have a piece of land as ed at the lesson was sandwiches made kinds of vegetables they would like to smooth as this floor, and pursiane will Heights.) We should like very much You destroy them with a little light hoe, ITALIAN SHERBET .- Boil one quart several kinds of vegetables to send speci- copious shower follows, there are 400 to cooking, and see what we can do with prove that fact, Mr. Chairman. the vegetables. If each man who is raisjuice and grape-fruit juice, and one. ing vegetables will let us have his adpeople, and we want to show them too. be very happy for any suggestions.

study of the laws of chemistry, have in the Brandywine, and the Clyde. given to the farmers what they call bal. which have been condemned by every anced rations, to feed their animals, and individual in Horticultural Hall. Now, also their crops. By that investigation I will condemn the three of them! farmers are enabled to produce crops, I Mr. Ware: Have you had any exthey formerly did. I am also very sure that it took the first premiums? that by the feeding of balanced rations Mr. Frost: I will tell you about it. Our friend has certainly pictured to to our dairy stock, dairymen are enabled The Sample has been put upon the marcupful mushrooms cut or broken in us an ideal home for the farmer, in to supply the market with dairy pro- ket every successive year. It is now in small pieces, one teaspoonful salt, one- glowing brilliant colors. He has given ducts of the very best quality, at one- the hands of Mr. Pratt of Reading. He half teaspoonful paprika, one-half tea- to us an object lesson of a very high half the cost all through the investiga- exhibited them. The board was cov. character. It has been said often times tion of our experiment stations, which ered with white velvet, with little slits shells with the mixture, cover with but-

spongy substance or lungs underneath. Turn the crab over and remove the that he has represented to us today.

the distribution of cooking vegetables and fruits, such also.

Mr. distribution of cooking vegetables and fruits, such as these ladies are experimenting upon, as these ladies are experimenting upon,

next fall and have your suggestions.

large bed. .

cover, except with a newspaper.

Mr. Stevens: Nearly all. We just with newspaper.

Mr. Fros: I believe the purslane, in our garden, belongs to the same family. Mr. Stevens: Own cousin.

Mr. Frost: We never have a bit of trouble with the purslane coming up. It is never covered.

Mr. Hadwen: Speaking of portulacas never allows his purslane to go to seed, consequently it is no trouble, and portuaca is just the same. I have a tulip bed, and after the tulips are gone, the portulicas come in. It is a perennial. It sows itself I don't know that I have ever seen it elsewhere in my grounds. Still I have it every year in my tulip bed. The portulaca persists in occupying the ground after the tulip. Mr. Ware: The surface you cultivate

in some way, do you not? Mr. Hadwen: Not very much. We dress in the autumn, but the portulacas are as persistent as the purslane itself.

Mr. Ware: That is easily explained. You know a single bed of portulacas would perhaps have millions of seeds so

with the white of an egg which serves ity of saying just a word. We believe the ground is filled with it sooner or to bind it together and keep the bread that people must be properly cared for later, and some of the seeds will be in from absorbing too much fat. Brown as well as plants. Now, next fall I the right position to germinate. Seeds ly. In the cooking, the cheese becomes have at the Mechanics' Fair the House- germinate only when they are near soft and creamy and it allowed to stand, hold and Art Department under my enough to the surface to get the effect of will be very unsatisfactory, the prin- supervision. We are going to use fruits the sun and moisture. They retain ciple being the same as that of a rare- and vegetables; we shall show that their life for a long period. Sow portubit. A bread fine grained in texture and without shortening is best suited for

these who are raising vegetables, if won't germinate until they are brought they would be kind enough to confer sufficiently near to the surface. Now, have us cook. (I live at Arlington come up 400, or 500 to the square inch. indeed to have those who are raising and if the weather is dry and a good mens in, and let us try the very best of 500 to the inch again! So you can't

Mr. Ware: You have proved it your-

dress we can then show what the market Mr. Frost: You didn't hoe the ground gentlemen would take some action as to just as thick as it was before. You canin the best way our teachers can. We why weeds will keep in the ground, intend to do more in the way of forcing, and always be so good, with so little if necessary, fruits upon the young trouble. It is a troublesome mystery,

how fruits can best be served, and in Now, I know something about strawhow great a variety of ways. I should berries. The essayist lett out the Marshall, and he has brought in the Sample a Mr. Ware: Our Agricultural Col- berry that never was tried to the satisleges and Experiment Stations by their faction of anybody; he has also brought

am very sure, at one-half the cost that perience with the Sample? Is it true

stuck in, giving it a very pretty . ffect. high, we shall certainly get higher than Now, I am very glad to learn that It was examined, sir, and condemned as

as these ladies are experimenting upon, Mr. Ware: Then it is not true that "apron," or small, pointed piece at the He has suggested many points of giving us very many dishes at one-half they took the first premium last year? crab meat and with a sharp knife cut practical value to the farmer, the leadaround the edge of the shell until it is ing one of which to my mind is the use tritious than the more expensive kinds was year before last they gave it the

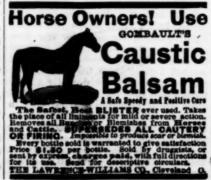
market. He has not said what I know scientists have done for farmers! It Mr. Fro t has spoken about the Clyde rejecting any tough ones, and break the to be true, that farmers may save 33 per might seem strange that the idea of promushrooms in pieces. From a quarter cent by buying and using the raw mateto a half pound of mushrooms will be rial, and mixing it themselves. He has, tion for families should not have been dollars and cents, and another as however, given us many formulas. I first adopted, but I believe it was not. valuable for quality. I have never know that he has gone through many But the ladies have now caught the idea got hold of a berry that I was as a good dressing of wood ashes, and in very correctly, and doubtless, as he says, from the scientists as it has been pre- well satisfied with. It is not the best sented at our Agricultural Colleges and quality, ut it is better than the average. Experiment Stations, and are develop- Taking all points in consideration, consider it one of the best berries.

Mrs. McBride: All our work is done has said I did not specify or recommend They may be put into cold water Mr. Thatcher: I would like to ask under the leadership of Mr. True of the the Marshall. It was for this reason. I Agricultural Department. We are in- can show him nineteen out of twenty of carrying on these meetings, furnishing on the ground. debted as you are, to the Agricultural De- the growers for commercial crops, who this hall, and printing full records of partment of the United States for the as- will condemn the Marshall strawberry. sistance we have received in the method and I know of no spot where they will of cooking our food. We trust we flourish better than on Mr. Frost's farm.

shall be a part of the Experiment Sta- One thing against the Marshall is, ways like to test things. The crop of tion work. We hope to see you all while a grand berry in size and quality, the foliage mildews and blights and I should like to ask a question about rusts in culture badly. It will bear and convenient and free to all who chance meadow muck. I remember mixing the portulaca, which is one of the things have extra large berries that make a to come. Furthermore, the lectures sea manure with meadow muck, and of I never could make grow. I have great show upon the table, and are fine that we have had have been of very producing one of the finest crop of cabtried it, and am very anxious to have a to eat: but for the average person, I try great value; the one today is a sample, Mr. Stevens: The trouble is that woman and child can grow that is best from time to time. He has put them nearly all the planters cover the seed for the most of them. Now, in these all in print, and I think we are indebted too deep. It is a very tender flower. varieties, the Sample I have eaten for to him very much for the courtesy and would declare the meeting adjourned. Take some fine sand and spread on top three or four years and have never seen generosity with which these meetings of your land after you have prepared its equal for a berry. If it will do over have been carried on. your border, sow the seed, but do not the country as well as it has done in its native soil, we have always a perfection ther remarks? If not, those who are in him, as he felt sure they had been to Mr. Warren: I should like to ask if in a berry, in color shape and quality. that method will do for all kinds of seed Mind you, I recommend it as one of the rising. (Every one rises.) Those oppromising kinds.

Mr. Cole: The essayist, in telling us cover with a mixture of sand, then cover about making a lawn, recommended the Mr. Warren: One article has been with papers. Cover your bed with fine so wing of seed eighteen inches deep, and mentioned as a fertilizer, which I have there are over 300 head in Hood Farm herd sand, sow your seed, and then cover raking it in, and also to water the land. never been fully convinced about, this speaks well, not only for the superior qual-He also condemned our using cold which is salt. In what way does salt water on lawns. Now, how are we act as a fertilizer? farmers to irrigate our lawns and gardens with warm water? I would like to in the preparation of the land for our have him explain it to us.

Mr. Stevens: If Brother Cole had ago and years back, lost a good deal by followed me, he would have noticed the June bug. The June bug destroyed this one thing. Do not give too much a great deal of grass. I have never and purslane, I presume my friend water to your young lawn. I said they are drenched to death, and the fertility is washed out of lawns. Make your soil deep and uniform, fertilize it well. Sow the kind I have recommended. I



Springer Bros.

Ladies' New and Stylish Tailor-Made Suits, Coats, Capes, Bicycle Suits, Etc. Misses and Children's Garments.

500 Washington St \$

have tried many kinds. It was my good fortune to plant and sow the old Granary Burying Ground with seed, also in Franklin Park. I don't know any greener or better lawns anywhere around. I see so many beautiful lawns spoiled every year by continual drench-

Mr. Hadwen: There is one point in relation to watering lawns which has not been touched upon. It is well known that frequent watering of all plants has a tendency to bring the roots to the surface, and there is the difficulty. If the plants receive no water, the tendency to the roots will be downward in quest of moisture, but if they have too much watering, then the roots will come to the surface. So, I think, it is important to guard against too frequent wa ering of, in fact, any plants. We know the plants sometimes wilt, but the tendency is for the roots to go downward, whe e they will receive the natural moisture of the soil.

Mr. Harrison: I would like to ask the essayist if he finds any difficulty in using the lawn mower on the first crop of grass from four to six inches in

Mr. Stevens: That depends on what lawn mower you use. With the Phil sdelphia lawn mower I have cut grass just as smooth as the floor, while I have seen a heavy lawn mower run over a lawn that would injure the little tender roots very much. I want the surface covered well before it is cut the first time, and the grass to be six inches tall Not that salt is a plant food but it has a

Mr. Harrison: Have you noticed that it is quite customary to put large quantities of cow and stable manure on should not do my duty unless I make a lawns in the fall and spring? Now, I have noticed a large crop of weeds in a few years atterward from doing this. I know some lawns have been entirely Mr. Ware: You heard Mr. Chase's

thing which people ought to avoid as it? Those in favor of it, please manin.uch as possible. The grass is killed fest it by raising the hand. (All hands out by being smothered out. I spoke of this, and would never recommend It is a unanimous vote. putting any animal dressing upon our Mr. Harrison: I am of the opinion

the meetings.

Mr. Ware: It is true that Mr. Darl- moss, that the ladies press so beautiing has manifested a very generous fully, are very rich fertilizers, and we spirit by providing meetings of the char- grow some of our finest crops with acter that we have had this winter, them; they do remarkably well with with a comfortable hall, in every way what we call sea manure, particularly to give something that every man, one that we shall be glad to refer to

> You have heard the motion, any furfavor of the motion, please manifest by all those who attended. posed. (None.) It is a unanimous vote.

Mr. Stevens: I recommend that only lawns. Why? Many of you two years found anything to go back on the land where you used salt.

Mr. Ware: How much to the acre? salt to one bushel of plaster. Salt is re- with for six bottles." This was written to W. tentive of moisture, and by putting it on the land it is death to most of those

Mr. Warren: It is death to all of the plants. They were eating the strawberry plants and I kept applying salt. It killed the strawberry plants entirely. But it did not kill the white grub! Mr. Ware: The question has been

sked as to salt as a fertilizer? I have out that question to myself, and to the agricultural chemists of the Experiment Station. They say, no, salt is not a plant food, is not an element of fertilization. But it is a fact that such crops J. W. HOBART, 73

Macullar Parker Company

MEN'S DEPARTMENT

Spring Overcoats \$15 TO \$30 Spring Suits

\$15TO \$28 GOLF AND BICYCLE SUITS All made in our clean workshops on the premises

BOYS' DEPARTMENT Serge Sailor Suits *5 TO *10

Wash Sailor Suits *2 TO *5 School Suits (Knee Trousers *6 TO *13

Long Trousers Suits *12 TO *25

Covert Overcoats & Reefers

400 WASHINGTON STREET

1898 MODEL **NEW MAIL** REDUCED TO \$65.

Highest Grade--Latest Improvements. MEN'S and LADIES' PATTERNS.



Best Medium Priced Wheels in Market. HANOVER Men's - \$45.
" Ladies' - \$45.
" Boys' and Girls' \$20, \$25. \$3 sing out a few men's and ladies' 2d band gh Grade Wheels, at \$10,815,820,etc.

The place to boy Wheels Wm. READ & SONS, 107 Washington St., Boston. Established 1826.

So I feel that we can claim with some A few doses of RADWAY'S PILLS will the system of all the above-named disorders. things that it has a beneficial off c'. Price 25c, a Box. Sold by Druggists, sent by mail. chemical action upon ingredients in the soil, having a tendency to liberate them.

Mr. Chase: Mr. Chairman, I think I motion, which is, that for the elequent,

Mr. Stevens: I think this is one motion. Have you any remarks upon were raised.) Those opposed. (None.) positive cur

lawns, but in the fall, in October, give that there is something beneficial in edy can sh Before this meeting breaks up, and as good effect. I am of the opinion that there is something in salt, more or less, meetings this season, I move you that a where seaweed is used in large quantivote of thanks be extended to Mr. ties. Seaweed must contain a great Elixir on our horses for strains bridge vote of thanks be extended to Mr.

Linus Darling for his generosity in affording us the privileges he has in

> Mr. Ware: What we call seaweed, or sea manure, which is kelp and sea

> As the hour was late Mr. Ware announced that unless there was something important to be discussed, he

> He also stated this to be the closing meeting of the season, and added that they had been very valuable indeed to

> The demand for stock from Hood Farm, Lowell, Mass., has been so great during the past six months that not one yearling bull is now left for sale. When it is remembered that ity of this stock, but for the up-to-date methods employed in bringing it to the attention of farmers and bree ders through the columns of this and other leading papers.

> > A Veritable Fact

Mr. A. L. Thomas, for many years Supt. of Canton Farm at Joliet, Ill., and extensively known throughout the western country has the following to say which may be of interest to some of our readers. After one year's trial of Quinn's Ointment, I must confess it does all Mr. Stevens: I put on two bushels of claimed for it and enclose you amount here-B. Eddy & Co., Whitehall, N. Y., owners of Quinn's Ointment for curbs, splints, spavins, windpuff-, and all bunches. It is advertised i our columns and is obtainable at all druggist If you cannot find it send to W. B. Eddy & Co., Whitehall, N. Y.. and they will supply your wants. Regular size \$1.50, per package. smaller size 50 cts.

ST. LAMBERT.

Always Reliable, Purely Vegetable

Pertectly tasteless, elegantly coated purify, cleanse and strengthen. R. PILLS for the cure of all disorders of the Bowels, Kidneys, Bladder, Nervous Dizziness, Vertigo, Costiveness, Piles. Sick Headache, Female Complaints.

Biliousness. Indigestion, Dyspepsia,

Constipation,

All Disorders of the Liver. Observe the following Symptoms result of the Diseases of the Digestive Organs: Corlinward Piles, Falness of Blood in the fit of the Stomach, Nausea, Heartbur the Stomach, Nausea, Heartbu Established 1826.

Inward Piles, Fulness of Blood in the Heartburn, of Food, Fulness of Weight in the Stomach, Nausea, Heartburn, of Food, Fulness of Weight in the Stomac Structations, Sinking or Fluttering of the Choking or suffocating sensations when it posture, Dimness of Vision, Dots or Web the Sight, Fever and Dull Pain in the Heartburn, of Food, Fulness of Weight in the Stomach, Nausea, Heartburn, of Food, Fulness of Weight in the Stomach, Nausea, Heartburn, of Food, Fulness of Weight in the Stomach, Nausea, Heartburn, of Food, Fulness of Weight in the Stomach, Nausea, Heartburn, of Food, Fulness of Weight in the Stomach, Nausea, Heartburn, of Food, Fulness of Weight in the Stomach Nausea, Heartburn, of Food, Fulness of Weight in the Stomach Nausea, Heartburn, of Food, Fulness of Weight in the Stomach Nausea, Heartburn, of Food, Fulness of Weight in the Stomach Nausea, Heartburn, of Food, Fulness of Weight in the Stomach Nausea, Heartburn, of Food, Fulness of Weight in the Stomach Nausea, Heartburn, of Food, Fulness of Weight in the Stomach Nausea, Heartburn, of Food, Fulness of Weight in the Stomach Nausea, Heartburn, of Food, Fulness of Weight in the Stomach Nausea, Heartburn, of Food, Fulness of Weight in the Stomach Nausea, Heartburn, of Food, Fulness of Weight in the Stomach Nausea, Heartburn, of Food, Fulness of Weight in the Stomach Nausea, Heartburn, of Food, Fulness of Weight in the Stomach Nausea, Heartburn, of Food, Fulness of Weight in the Stomach Nausea, Heartburn, of Fulness of Weight in the Stomach Nausea, Heartburn, of Fulness of Weight in the Stomach Nausea, Heartburn, of Fulness of Weight in the Stomach Nausea, Heartburn, of Fulness of Weight in the Stomach Nausea, Heartburn, of Fulness of Weight in the Stomach Nausea, Heartburn, of Fulness of Weight in the Stomach Nausea, Heartburn, of Fulness of Weight in the Stomach Nausea, Heartburn, of Fulness of Weight in the Stomach Nausea, Heartburn, of Fulness of Weight in the Stomach Nausea, Heartburn, of Fulness of Weight in the Stomach Nausea

RADWAY & CO., 55 Elm Street, New York.

\$100 REWARD

Tuttle's Elixir

of colic and paralysis. We consider it the be medicine and linime of in the world if properly plied. Signed, HANDY & WATERHOUSE plied. Signed, HANDY & W. 268 Purchase St., Boston, Mass

TUTTLE'S FAMILY ELIXIR cures Rheuma dsm and all Joint and Throat affections.

of either Elixir sent free by mail for three

stamps to pay postage. Address

DR. S. A. TUTTLE

27 Beverly Street, Boston, Mass. FERTILIZERS ------

EXPERIMENT STATION VALUATIONS Fertilizers and fertilizing ingredients armers pay for them; for verification of

ANDREW H. WARD, 153 Milk St., B asta

MAN'S BEST





HIGH CRADE

200-ACRE stock and grass farm to istate; 45 miles out, in one of the most lowns in the state, 1 mile to depois on 1 of R. R. 1½ miles to churches and scho or R. R. 14 miles to enurches and schools summer residence or location for practical faland rolling and well divided, cutting by miles about 75 tons of h4y; mansion house of 164 fine cellar, large lawn and plenty of fine clibarns 40×60, cellars under both; cupo house and harn; hennery, carriage, eorn at house; cottage house of 6 rocms; all in go pair, well insured, well supplied with wate all purposes, low taxes; large apple ordals oplenty of pears and plums; has not chihands for 37 years; good stock of manut tools, machinery wagons, carts. sleds, si carriages, harnesses; also part of furnitue particulars and photograph apply to